# ABDULLAH ANSARI

**Senior Software Engineer @ UXPilot (Full-Stack | MERN | AI-integrated Systems)**
Lahore, Pakistan | +92 311 0417573 | abdullahansari.fsdev@gmail.com | LinkedIn: https://www.linkedin.com/in/abdullah-ansari1/

## PROFESSIONAL SUMMARY

Senior Software Engineer with strong expertise in designing, developing, and optimizing scalable, high-performance web applications using modern JavaScript frameworks, MERN stack technologies, AI integrations, and cloud-native architectures. Proven experience delivering enterprise-grade platforms, SaaS products, AI-powered applications, marketplaces, document management systems, and real-time collaboration tools. Skilled in full-stack development, system design, backend architecture, performance optimization, code quality, CI/CD, and maintainable engineering practices that support business growth and product scalability.

## CORE COMPETENCIES

**AI / LLM Systems**
LLM systems, prompt-based workflows, AI-powered product features, OpenAI APIs, embeddings, document intelligence, AI assistant workflows

**Frontend Engineering**
React.js, Next.js, Vue.js, Nuxt.js, Angular, TypeScript, JavaScript, responsive UI, component architecture, dashboard development

**Backend Engineering**
Node.js, Express.js, REST APIs, GraphQL, tRPC, authentication, authorization, backend architecture, API integrations

**Databases & Search**
MongoDB, PostgreSQL, MySQL, Supabase, Elasticsearch, Prisma, Drizzle ORM, semantic search, vector-based retrieval concepts

**Cloud & DevOps**
AWS, Azure, Docker, Kubernetes, CI/CD, GitHub Actions, Vercel, cloud deployments, automated release workflows

**UI Libraries & Styling**
Tailwind CSS, Material UI, Chakra UI, ShadCN UI, Ant Design, Mantine, Bootstrap, Vuetify, Radix UI

**Tools & Collaboration**
GitHub, GitLab, Bitbucket, Jira, Trello, Asana, ClickUp, VS Code, Visual Studio, Android Studio, Cursor

**Product & Architecture**
SaaS platform development, multi-tenant systems, event-driven architecture, system design, performance optimization, clean code

## PROFESSIONAL EXPERIENCE

### UXPilot https://uxpilot.ai/

Senior Software Engineer — Jun 16, 2025 - Present | Remote

- **Full-Stack Development:** Working remotely as a Full Stack Developer on an AI-driven UX/UI design and product visualization platform, contributing across frontend, backend, integrations, and production-ready SaaS workflows.
- **AI-Powered Design Workflows:** Developing scalable frontend and backend features for AI-powered design generation, wireframing, prototyping, product visualization, and prompt-based workflow automation.
- **UXPilot MCP:** Worked on UXPilot MCP workflows to connect the platform with AI agents, contextual data, external tools, and automated product/UX operations using structured integration patterns.
- **Third-Party Integrations:** Integrated third-party APIs and external services to support AI workflows, user management, design automation, platform functionality, and seamless product experiences.
- **Frontend Engineering:** Built responsive, reusable, and maintainable UI components for dashboards, design workflows, prompt-based interfaces, user-facing product modules, and cross-browser SaaS experiences.
- **Backend APIs & Business Logic:** Implemented backend APIs, business logic, authentication-related flows, data handling, and service integrations to support AI-based features and scalable platform operations.
- **Product Collaboration & Quality:** Collaborated with product and design teams to improve usability, UI consistency, responsiveness, accessibility, and overall user experience across the platform.
- **Performance, Releases & Maintenance:** Optimized application performance, reliability, and maintainability while contributing to code reviews, debugging, production fixes, feature releases, and continuous improvements.

**Key Focus Areas:** Full-stack development, AI integrations, UXPilot MCP, Cloudflare, third-party integrations, SaaS product development, UX/UI automation, wireframing tools, responsive applications, API development, performance optimization.

## Mentorsol

Senior Software Engineer — Jan 2025 - Nov 2025

Software Engineer — May 2023 - Dec 2024

- Architected and developed scalable full-stack applications using MERN stack, Next.js, Vue.js, Nuxt.js, Node.js, and modern cloud technologies.
- Designed backend systems with optimized data flows, authentication, authorization, third-party integrations, and scalable API structures.
- Led code reviews and enforced best practices for performance, maintainability, security, reliability, and clean code standards.
- Implemented CI/CD pipelines, automated deployments, cloud integrations, and production-ready release workflows.
- Built AI-powered, real-time, SaaS, marketplace, compliance, ESG, and enterprise-grade platforms for global clients.

**Liquiddata Core Platform & Impactly**

Enterprise-grade ESG (Environmental, Social, and Governance) data management and sustainability reporting platform with real-time analytics, AI document processing, due diligence workflows, and multi-tenant architecture.

- Developed core modules for ESG screening, sustainability performance monitoring, and client-specific implementation workflows.
- Built advanced dashboards, forms, tables, charts, and reporting interfaces for ESG data visibility and decision-making.
- Implemented AI-powered document analysis and data extraction features to process sustainability and compliance-related documents.
- Designed and supported multi-tenant architecture with role-based access control, user permissions, and secure enterprise workflows.
- Worked on event-sourced architecture to improve auditability, data integrity, traceability, and historical tracking of business events.
- Integrated search and analytics capabilities using Elasticsearch to improve data discovery and reporting performance.
- Contributed to cloud deployment, monitoring, integrations, and maintainable engineering workflows for enterprise-scale delivery.

**Tech:** TypeScript, Next.js, React, Node.js, GraphQL, tRPC, PostgreSQL, Elasticsearch, Radix UI, ShadCN UI, Tailwind CSS, TanStack Table, Recharts, React Hook Form, Zod, Drizzle ORM, Prisma, Azure Services, AWS S3, Docker, Kubernetes, Helm, Terraform, GitHub Actions, Vercel, Sentry, PostHog, NextAuth.js, Azure Entra ID, RBAC, Google Analytics, Azure Application Insights

**Podcast Genie**

AI-powered podcast creation platform that enables users to generate podcasts with custom speakers, voice options, web-search-supported content, subscription tiers, and an admin panel for platform management.

- Built scalable podcast generation workflows using AI services and user-defined configuration options.
- Developed subscription-based access flows, Stripe payment integrations, and feature access management for multiple pricing tiers.
- Implemented admin panel functionality for managing users, content, plans, generated podcasts, and platform settings.
- Integrated OpenAI-powered content generation and supporting backend workflows for automated podcast creation.
- Built responsive UI screens using reusable components, form validation, analytics, and modern frontend patterns.
- Worked with backend services, email workflows, analytics tracking, and production deployment improvements.

**Tech:** Next.js, React.js, TypeScript, Supabase, Python, OpenAI, Tailwind CSS, Radix UI, ShadCN UI, Zod, Recharts, React Hook Form, TanStack React Query, Stripe, Stripe Webhooks, NodeMailer, GitHub, Google Analytics, AWS

**EnergyGigs**

Freelance and job marketplace connecting companies with freelancers and job seekers through project posting, job applications, task tracking, timesheets, payments, dashboards, and interview workflows.

- Developed company and freelancer dashboards for project management, job posting, applications, tasks, and timesheet workflows.
- Implemented Stripe Connect payment workflows for fixed, milestone-based, hourly, and daily project models.
- Built marketplace features that allow companies to post projects/jobs and freelancers to apply, collaborate, and track work.
- Integrated interview and collaboration workflows to support hiring, communication, and project execution within the platform.
- Improved UI responsiveness, state management, analytics tracking, and error monitoring for production reliability.
- Worked across frontend and backend integrations using Nuxt/Vue and Django-based services.

**Tech:** Nuxt.js, Vue.js, Pinia, Python Django, Stripe, Stripe Connect, FlatPicker, Nuxt SEO Kit, Prismic, Hotjar, Sentry, Google Analytics, Bitbucket

**AX3 - Independent Music Artist Platform**

Music distribution and monetization platform that helps independent artists upload tracks, sell music, stream content with ads, offer subscriptions, and sell NFTs to their audience.

- Built artist-facing and fan-facing modules for music uploads, content management, streaming, downloads, pricing, and monetization.
- Integrated Stripe for secure payments, subscription management, digital purchases, and monetized content access.
- Implemented ad-supported streaming and subscription-based ad-free listening workflows for end users.
- Worked on NFT-related flows and digital asset sales to support artist monetization and fan engagement.
- Developed scalable media delivery features and optimized frontend state management for a smooth user experience.
- Integrated analytics and advertising services to track usage, engagement, and platform performance.

**Tech:** Next.js, React.js, TypeScript, Node.js, Express.js, MongoDB, Redux, Material UI, Stripe, Google AdSense, Google Analytics, Crossmint, Video.js, AWS, GitHub

**Veriport**

MRO verification and compliance platform designed to streamline DOT testing workflows, random pool management, lab integrations, error detection, and compliant reporting for MROs and internal testing programs.

- Developed verification workflows that improved operational efficiency, reduced manual errors, and supported compliant report generation.
- Built user interfaces for managing testing records, random pools, reporting workflows, signatures, documents, and verification steps.
- Integrated workflows for major lab systems such as Dynacare, Quest, and Labcorp, with support for additional integrations.
- Implemented secure document viewing, PDF embedding, digital signature support, and guided user interactions.
- Improved usability, workflow speed, frontend maintainability, and production stability across Vue-based modules.

**Tech:** Vue.js, Vuetify, Pinia, Stripe, Vue Flatpickr, Vue PDF Embed, Vue Signature Pad, Vue Shepherd, Vue Pinch Scroll Zoom, GitHub

**re/quest**

AI assistant builder platform that allows users to create custom AI agents by uploading and organizing personal or business data, defining agent roles, training on specific topics, and embedding chatbots on websites.

- Built user workflows for creating, configuring, training, sharing, and managing custom AI assistants and knowledge-based agents.
- Implemented modules for data organization, agent instructions, response behavior, chatbot embedding, and community collaboration.
- Integrated real-time communication and media/file-processing workflows for richer AI assistant interactions.
- Developed responsive Nuxt/Vue interfaces with reusable components, state management, and editor-based content features.
- Worked on improving user productivity by enabling targeted insights, personalized responses, and website support chatbots.

**Tech:** Nuxt.js, Vue.js, TypeScript, Pinia, Ably, ImageKit, Vue Quill Editor, Bitbucket, GitHub

## Skylinkx Technologies

Software Engineer Apr 2022 - May 2023

- Collaborated with engineering teams to develop, maintain, and enhance web applications and API integrations.
- Contributed to requirement gathering, technical analysis, feature design, estimation, implementation, testing, and release support.
- Improved application performance, reliability, responsiveness, and frontend/backend maintainability.
- Conducted code reviews and testing to ensure high product quality standards and clean delivery.

**ZeroDocs**

Document management and collaboration platform that allows users to create, edit, annotate, convert, manage, and share documents across formats including Word, Excel, PDF, MP4, and images.

- Built document editing and management workflows with file upload, project organization, restricted sharing, and collaboration features.
- Integrated OnlyOffice to enable in-browser editing for office documents and support project-based document workflows.
- Implemented annotation features, PDF highlighting, Word-to-PDF conversion, and bulk document processing capabilities.
- Developed subscription-based features and access to industry-specific templates for mechanical, plumbing, electrical, and architectural use cases.

- Built bulk editing tools for headers, footers, signatures, styling, and document formatting improvements.

**Tech:** React.js, Redux, OnlyOffice, docx, file-saver, React PDF Highlighter, React Draft WYSIWYG, jsPDF, Draft.js, Bootstrap, Stripe, GitHub

**Geomapping Track Dispatch**

Location-based tracking and dispatch system designed to support route visibility, dispatch coordination, field operations, and map-based workflow management.

- Implemented map-based tracking features to visualize real-time or near-real-time location and dispatch information.
- Built dispatch workflow screens for monitoring routes, managing operational tasks, and improving field coordination.
- Integrated APIs and data flows to support location updates, route details, status changes, and operational reporting.
- Optimized UI performance and usability for map-heavy screens and dispatch-focused workflows.

**Tech:** React.js, JavaScript, REST APIs, mapping integrations, state management, Git

**CASEMIND**

AI-powered document Q&A web application that allows users to upload files, ask questions related to their content, and receive GPT-generated answers based on the most relevant uploaded files.

- Built file upload and document interaction workflows that allow users to ask natural language questions over uploaded files.
- Implemented embeddings-based search and retrieval logic to identify the most relevant document content for each user query.
- Integrated GPT-based answer generation to provide contextual responses from retrieved file content.
- Developed user-facing screens for document management, question input, generated answers, and file-based knowledge exploration.
- Improved usability, search relevance, and intelligent document interaction for business and research users.

**Tech:** OpenAI, embeddings, MERN stack, React.js, Node.js, Express.js, MongoDB

## Savvy Analytics

Software Engineer Feb 2021 - Mar 2022

- Developed and maintained websites and web applications using Shopify, WordPress, mobile application workflows, and MERN stack technologies.
- Implemented client-focused solutions with responsive interfaces, scalable components, and maintainable code practices.
- Collaborated with teams to deliver high-quality software solutions and stayed updated with modern technologies and industry trends.

**RECONDITES Digital NFT Platform**

NFT-based digital asset platform focused on creating, managing, showcasing, and trading digital assets through marketplace-style workflows.

- Built user-facing marketplace and digital asset management features for browsing, viewing, and managing NFT content.
- Implemented UI flows for asset listing, metadata display, user interaction, and collection management.
- Worked on platform features supporting digital ownership concepts and content presentation for NFT-based assets.
- Improved frontend responsiveness, reusable component structure, and overall product reliability.

**Tech:** React.js, JavaScript, REST APIs, blockchain/NFT workflow concepts, Git

**AshleighRenard**

E-books and digital content website focused on research-backed content delivery, digital publishing, and user-friendly access to e-books and online materials.

- Conducted research and supported implementation of digital publishing workflows for e-books and e-content delivery.
- Built responsive pages and content sections to improve user access, readability, and engagement with digital materials.
- Implemented scalable content delivery workflows and supported improvements for user-friendly browsing and content presentation.
- Collaborated on design and frontend implementation to align the website with client content and branding requirements.

**Tech:** WordPress, Shopify/custom web workflows, HTML, CSS, JavaScript

**Writers Bridge**

Author collaboration platform where writers and authors can collaborate with their audience and conduct live Zoom sessions for engagement, learning, and community building.

- Built collaboration workflows that support author-audience engagement and content-based community interaction.
- Integrated live session workflows to support Zoom-based audience sessions and virtual events.
- Developed responsive interfaces for user participation, session discovery, and author interaction features.
- Improved usability and platform flow for authors managing audience engagement and online collaboration.

**Tech:** MERN stack, Zoom integration concepts, React.js, Node.js, JavaScript

### Early Career

Associate Software Engineer — Mar 2020 - Jan 2021

- Developed custom themes, plugins, websites, and applications using WordPress, Shopify, and MERN stack technologies.
- Built responsive and user-friendly interfaces by integrating third-party services and reusable components.
- Collaborated with teams to deliver high-quality software solutions and stay updated with modern technologies.

## EDUCATION

**Bachelor of Computer Science (BSCS)** — **2018 - 2022**
Superior University, Gold Campus, Lahore

**Intermediate, FSC Pre-Engineering** — **2016 - 2018**
Punjab Group of Colleges, Lahore, Pakistan

**Matriculation (Science)** — **2014 - 2016**
Moon Public Boys High School, Lahore, Pakistan

## SHORT COURSES

**Spoken English** — **2016**
Peak Solution College, Lahore, Pakistan

**Logic Building and Programming (C++)** — **2016**
Peak Solution College, Lahore, Pakistan

## ACHIEVEMENTS AND AWARDS

- Star of the Month Award - Mentorsol - 2024
- Go That Extra Mile Award - Mentorsol - 2025
- Code Camp: Fluid Cloud Architecture and Modern Development Standards Certification - Cinova - 2022
- Scholarship due to GPA Maintenance - Superior University - 2018 - 2022