

# ABUBAKKAR SAJID

Full-Stack Developer | Backend Engineer | SaaS Builder

Lahore, Pakistan | +92 324 1851476 | abubakkarsajid4@gmail.com | abubakkar.online | GitHub | LinkedIn

## PROFESSIONAL SUMMARY

---

Full-Stack Developer with 3+ years of experience shipping production web applications and SaaS platforms. Core expertise in React, Next.js, Node.js, Express.js, MongoDB, and Python (FastAPI). Proven track record of architecting scalable backend systems, administering Linux production servers, integrating AI-powered features, and leading development teams. Founded and launched multiple live SaaS products from concept to deployment.

## TECHNICAL SKILLS

---

**Languages:** JavaScript, TypeScript, Python, PHP

**Frontend:** React, Next.js, HTML5, CSS3, Tailwind CSS, GSAP, Responsive Web Design

**Backend:** Node.js, Express.js, FastAPI, REST API Design, JWT Authentication, WebSockets

**Databases:** MongoDB, Redis, Mongoose ODM

**DevOps:** Git, GitHub, Docker, Linux Server Administration, Nginx, SSL/TLS, Vercel, CI/CD, VPS Management

**AI & Automation:** n8n Workflow Automation, Gemini AI Vision, OpenAI API, Claude API

**Design & Tools:** Figma, Adobe XD, Adobe Photoshop

## WORK EXPERIENCE

---

**Product Developer** | **Triad Labz** · Full-time · Hybrid

May 2026 - Present · 2 mos · Lahore, Punjab, Pakistan

- Engineered scalable web and mobile application features by translating complex product requirements into robust backend systems and high-performing user-facing solutions.
- Designed and implemented information system architecture, reducing ambiguity between design and development handoffs and cutting revision cycles.
- Collaborated cross-functionally on product concept definition, feature scoping, and technical feasibility assessment to ensure delivery timelines were met.
- Built production-ready APIs and integrated them with frontend layers, enabling end-to-end feature delivery with minimal bugs in staging.

**Full Stack Engineer** | **Code-XA Official** · Contract · Hybrid

Jan 2025 - Present · 1 yr 6 mos · Punjab, Pakistan

- Built and shipped full-stack client applications using React, Node.js, and modern JavaScript frameworks, delivering production-ready features on tight deadlines.
- Developed responsive UIs focused on performance and UX, reducing page load issues reported by clients by optimizing component rendering and asset delivery.
- Architected and integrated backend services and REST APIs for complete end-to-end product functionality across multiple client projects.
- Managed project pipelines and client communication, ensuring deliverables aligned with scope and quality expectations across concurrent projects.

**Product Manager** | **Code-XA Official** · Part-time

Mar 2026 - Present · 4 mos · Punjab, Pakistan

- Oversaw product roadmap planning and sprint execution for agency projects, bridging the gap between client requirements and the engineering team.
- Defined feature prioritization frameworks that reduced scope creep and improved on-time delivery across active projects.
- Led internal process improvements for project tracking, communication, and code review standards.

**Development Team Lead** | **Madadgaar Expert Partner** · Contract · Remote

Feb 2026 - Present · 5 mos · Lahore, Punjab, Pakistan

- Led backend and full-stack engineering team, setting technical direction, conducting code reviews, and unblocking developers on architecture decisions.
- Resolved critical infrastructure bottlenecks by restructuring deployment pipelines and VPS configurations, improving system uptime and deployment speed.
- Established coding standards and review processes that reduced production bugs and improved team output consistency.

### **Backend Developer & Server Administrator** | **Madadgaar Expert Partner** · Contract · Remote

Nov 2025 - Present · 8 mos · Lahore, Punjab, Pakistan

- Architected and maintained scalable RESTful APIs for madadgaar.com.pk, a live service marketplace connecting users with professional experts across Pakistan.
- Designed and optimized MongoDB schemas and query patterns, improving response times for high-traffic endpoints by eliminating unindexed collection scans.
- Administered Linux VPS infrastructure: Nginx reverse proxy configuration, SSL/TLS setup, security hardening, and automated deployment pipelines, achieving stable uptime for live production traffic.
- Implemented real-time WebSocket features for in-app notifications and user-expert messaging, eliminating the need for client-side polling and reducing server load.
- Delivered consistent API contracts across web, Android, and iOS platforms, cutting integration errors reported by the mobile team.
- Enforced security best practices including input validation, rate limiting, and JWT token management across all service layers.

### **Backend Developer** | **Echo Reads (Private) Limited** · Contract · Hybrid

Jul 2025 - Jan 2026 · 7 mos · Lahore, Punjab, Pakistan

- Developed and maintained backend systems using Node.js, Express.js, MongoDB, and TypeScript for a content platform, ensuring clean API contracts for frontend consumption.
- Built and documented platform APIs covering core features including user management, content delivery, and engagement tracking.
- Contributed to scalable backend architecture decisions, helping the team avoid structural technical debt early in the product lifecycle.
- Collaborated closely with frontend engineers to ensure efficient data flow, reduce over-fetching, and align API responses to UI requirements.

### **Full Stack Web Developer** | **MI-Networks** · Full-time

2024 - 2025 · Pakistan

- Led development of client-facing web applications using React, Node.js, Express.js, and MongoDB, owning features from design handoff to production deployment.
- Built JWT authentication and role-based access control systems, securing multi-role platforms used by real users in production.
- Optimized database queries and API response structures, reducing average response times across high-traffic routes.
- Managed staging and production environments with automated deployment workflows, reducing manual deployment errors.
- Conducted code reviews and enforced coding standards through structured pull request processes, improving team code quality.

### **Full Stack Web Developer** | **Onestwork** · Internship

2023 - 2024 · Pakistan

- Developed web applications across both frontend (React) and backend (Node.js/Express) layers, gaining end-to-end product development experience.
- Integrated third-party APIs including payment gateways and email services into client projects, delivering complete user-facing workflows.
- Built reusable React component libraries that reduced UI development time for subsequent projects.
- Maintained code quality through Git version control and structured commit practices.

### **Frontend Developer** | **Jalsonic Networks** · Internship · On-site

Apr 2022 - Mar 2023 · 1 yr · Lahore, Punjab, Pakistan

- Built responsive web interfaces using HTML, CSS, JavaScript, and React from UI/UX mockups, delivering pixel-accurate implementations.
- Integrated frontend components with REST APIs in collaboration with backend team, ensuring correct data binding and error state handling.
- Improved page performance through lazy loading, code splitting, and image optimization, reducing initial load times on client projects.

## PROJECTS

---

### API Test Lab | [apitestlab.org](https://apitestlab.org)

*Next.js, FastAPI, MongoDB, Stripe*

- Built a full SaaS platform for API testing, load testing, and real-time traffic monitoring from scratch, handling product, design, and engineering solo.
- Developed multi-endpoint concurrent testing engine with response analytics and historical comparisons, giving teams visibility into API performance regressions.
- Integrated Stripe subscription billing with tiered access plans and usage-based tracking, enabling monetization from day one.

### Cost Segregation Tax Calculator | [github.com/Innocent-Developer/costsegregation](https://github.com/Innocent-Developer/costsegregation)

*React/Vite, FastAPI, MongoDB, Gemini AI*

- Built AI-powered SaaS for U.S. commercial property tax depreciation analysis under IRS guidelines, handling real compliance requirements.
- Integrated Gemini 2.5 Flash AI vision to detect and classify building components from property images, replacing manual component identification.
- Implemented RS Means cost engine with top-down constrained allocation model anchored to improvement basis for IRS-compliant depreciation schedules.
- Designed batched image processing pipeline with Roboflow pre-detection, improving classification accuracy on complex multi-structure properties.

### Madadgaar Web & Mobile Platform | [madadgaar.com.pk](https://madadgaar.com.pk)

*Node.js, Express, MongoDB, React*

- Developed full-stack service marketplace connecting users with verified professional experts across Pakistan, live in production.
- Built APIs for user profiles, expert verification, service booking, reviews, and dispute resolution supporting real marketplace operations.
- Implemented real-time chat and push notifications for user-expert communication, reducing response lag and improving platform engagement.

### Real-Time Chat Application |

*Node.js, Socket.io, MongoDB, React*

- Built full-stack chat app with private messaging, group chats, and online presence indicators using WebSocket via Socket.io.
- Added typing indicators, read receipts, file sharing, and full-text message search, delivering a feature-complete messaging experience.

### Forisay - AI WhatsApp Chatbot | [forisay.com](https://forisay.com) · [Triad Labz](https://www.comet.com)

*Node.js, WhatsApp Business API, OpenAI/Gemini AI, MongoDB, Webhooks*

- Built an AI-powered WhatsApp chatbot that auto-replies to customer messages 24/7, ensuring zero missed leads for businesses running on WhatsApp.
- Designed specifically for high-volume use cases including ecommerce order queries, real estate property inquiries, and service-based lead capture, where delayed responses directly cost sales.
- Integrated with WhatsApp Business API via webhooks to handle incoming messages in real time, with AI generating context-aware replies based on business-specific training data.
- Implemented lead capture and conversation logging into MongoDB, giving business owners full visibility into every customer interaction and follow-up opportunity.

- Eliminated the need for dedicated support staff for repetitive queries, reducing operational overhead for clients while keeping response time under seconds.

### **AI-Powered Automation Workflows** |

*n8n, OpenAI API, Webhooks*

- Designed automated workflows using n8n for lead capture, email sequences, and cross-platform data sync, replacing manual operational tasks.
- Integrated AI APIs for automated content generation, data extraction, and smart routing across multiple client use cases.

## **EDUCATION**

---

### **Bachelor of Computer Science (BSCS) | Lahore Leads University**

*Sep 2024 - Present · Lahore, Pakistan*

## **CERTIFICATIONS**

---

- Certified Full-Stack Web Application Development
- Certified Cyber Security
- Certified AI Engineer & Automation

## **LANGUAGES**

---

English (Professional) | Urdu (Native) | Punjabi (Native)