

Wahaj Ali

Full-Stack AI Engineer

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Full Stack Engineer with 4+ years of experience building scalable web applications using React, Next.js, TypeScript, Node.js, and PostgreSQL. Experienced in AI-powered applications, workflow automation, and delivering production-ready solutions across multiple industries.

Experience

- Full Stack Engineer** · CRIPT Agency · Remote December 2024 - Present
 - Developed and delivered 10+ full-stack web applications using MERN, Next.js, FastAPI, Supabase, Firebase, and headless CMS platforms.
 - Built 10+ AI-powered Next.js (TypeScript) applications by integrating AI pipeline APIs for PDF ingestion, real-time processing status tracking, and secure AWS-signed document retrieval.
 - Collaborated directly with clients across 10+ projects, establishing structured feedback processes that reduced revision cycles by 35%.
 - Automated the deployment process for Dockerized applications on AWS EC2 using CI/CD pipelines, which decreased the average deployment time from 1 hour to 10 minutes and improved application uptime by 30%.
- MERN Stack Developer** · SQA Agency · Islamabad, Pakistan September 2024 - December 2024
 - Developed a custom Shopify app using the MERN stack, enabling automated store performance reports to be delivered via WhatsApp, email, or Slack on scheduled intervals.
- Front-end Developer** · SEVEN KONCEPTS · Rawalpindi, Pakistan December 2023 - August 2024
 - Built 10+ pixel-perfect dashboard interfaces using React and Next.js, accelerating design-to-development handoff by 40%.
 - Integrated 15+ third-party APIs across web applications, documenting technical specifications to improve maintainability and onboarding.

Education

- MICROVERSE** | Full Stack Web Development Program Grad May 2023
Full Stack Web Development Program
Remote
Remote Full Stack Web Development Program, Full-Time
 - Spent 1300+ hours mastering algorithms, data structures, and full-stack development.
 - Developed skills in remote pair programming using GitHub, the industry-standard Git Flow, and daily standups with international remote developers.
- SSCIT** | B.Sc Grad August 2020
Electrical Computer Engineering
 - Relevant Coursework: Programming in C, OOP & DS, Network Programming, and DBMS.

Skills

Backend: Firebase · MySQL · MongoDB · Node.js · PostgreSQL · Strapi · Express JS · FastAPI · Supabase · OpenAI API · Python

Frontend: Javascript · Bootstrap · Next.js · Shopify Polaris · Tailwind CSS · Material UI · TypeScript · React · shadcn ui · Mobile/Responsive Development

Soft skills: Mentoring · Remote Pair-Programming · Teamwork

Tools & Methods: TDD · Agile & Scrum · Chrome Dev Tools · Vercel · RSpec · CI/CD · Docker · Git · AWS

Projects

Cascade Stucco · <http://cascade-pm.neuralogicgroup.com> · AI-Powered Construction Operations Automation Platform January 2026

A streamlined platform that automates construction follow-ups by integrating with TrackVia, using SMS and AI calls for crew communication, and enhancing workflow execution to minimize manual coordination.

- Automated reporting and data visualization tools using AI, decreasing manual reporting time by 50% and allowing project managers to make data-driven decisions faster.
- Enhanced team collaboration through integrated workflows, improving interdepartmental communication efficiency by 40%, as measured by reduced project delays.
- Developed and implemented an AI-driven scheduling system that reduced project delays by 30%, resulting in a 15% increase in overall project efficiency.

Business Websites & Digital Platforms · <http://instantlyinsured.com> · 5+ Production-Ready Client Projects Across Insurance, Construction, Wellness, Inspection & Marketing

Designed and developed 5+ production-ready websites for clients across multiple industries, focusing on responsive design, performance, SEO, and third-party integrations.

- Built responsive, SEO-friendly interfaces optimized for desktop and mobile.
- Integrated third-party services including Stripe payments, Google Maps, contact forms, and CMS solutions.
- Improved performance, accessibility, and user experience while collaborating directly with clients throughout development.
- Delivered 5+ production-ready websites for clients across insurance, construction, wellness, inspections, and marketing industries.

AI-Powered Construction Drawing Annotation Platform

- Developed reusable React and TypeScript annotation components used across multiple production applications, reducing duplicate frontend development by 70%+ through shared architecture.
- Built a high-performance interactive canvas using React Konva, optimizing rendering and state management to support thousands of AI-generated annotations on large construction drawings.
- Designed and implemented 6+ interactive annotation tools using React, enabling users to create and edit bounding boxes, polygons, polylines, circles, and points within a modern web application.
- Integrated the frontend with REST APIs and computer vision services to display, validate, and update AI-generated annotations extracted from PDFs and images.

Links

Portfolio

scorpion-dev.vercel.app