

MUHAMMAD ABUHURERA

Full-Stack Developer | Software Engineer | AI & Agentic Systems Developer

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PROFESSIONAL SUMMARY

Full-Stack Developer and Software Engineering student specializing in scalable web applications and AI agentic systems. Proficient in JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, and Python, with hands-on experience developing AI agents, automation tools, RESTful APIs, and CI/CD pipelines. Strong knowledge of the software development lifecycle (SDLC), Agile development, database design, and DevOps practices. Proven record of delivering full-stack projects and AI-powered automation that improve efficiency and performance.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Java, C++

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

Backend & Databases: Node.js, Express.js, FastAPI, RESTful APIs, Firebase, MongoDB, PostgreSQL, Supabase, Redis

AI & Agentic Systems: AI Agents, Agentic Workflows, LLM Integration, Web Scraping, Workflow Automation, Prompt Engineering

DevOps & Concepts: Git, GitHub, GitHub Actions, CI/CD, Cloudflare, Vercel, SDLC, Agile/Scrum, OOP, Data Structures and Algorithms, Software Design Patterns

PROFESSIONAL EXPERIENCE

AI Automation Developer, JobNest (AI Job Application Agent)

Jan 2026 - Present

- Developed an end-to-end AI agentic automation tool that reduced job application time by 80% and enabled 50+ daily submissions with 95% form-fill accuracy.
- Engineered an AI agent that auto-fills and submits applications across 10+ platforms, cutting manual effort from 6 hours to under 1 hour per day.
- Integrated 5+ third-party RESTful APIs and automation libraries into a seamless discovery-to-submission workflow using Python and JavaScript.

Full-Stack Web Developer, EdenAxis Cafe

Jan 2025 - Dec 2026

- Built a full-stack website with online ordering, menu management, and booking, reducing manual order processing by 40% and customer response time by 30%.
- Developed frontend and backend integrations that streamlined operations for a 5-person team and increased customer engagement by 25%.

Freelance Full-Stack Developer, Self-Employed

Jan 2025 - Present

- Delivered 3+ client projects using the MERN stack (MongoDB, Express.js, React.js, Node.js) with 100% client satisfaction and on-time delivery.
- Reduced average delivery time by 15% by building reusable React component libraries and structured development workflows.

Open-Source Contributor, GitHub

Jan 2023 - Present

- Contributed to 5+ open-source repositories through pull requests and code reviews, reducing bug rates by 30%; published full-stack applications averaging 50+ stars.

PROJECTS

JobNest: AI Job Application Automation Agent

2026

Python, JavaScript, RESTful APIs, AI Agents, Web Scraping, Workflow Automation

- Designed an AI agentic automation system processing 50+ applications per day, reducing manual effort by 80% through intelligent filtering and auto-submission.

VeltrixNova: Full-Stack Agency Platform with CI/CD

2026

React.js, Vite, Tailwind CSS, GitHub Actions, Cloudflare, CI/CD

- Built and deployed a responsive full-stack web platform with an automated CI/CD pipeline, reducing deployment time to under one minute with zero manual steps.

EdenAxis Cafe Website

2025

WordPress, JavaScript, CSS3, RESTful APIs

- Delivered a client-facing website in 4 weeks for 100+ daily users, cutting client manual workload by 40% through automated order management.

EDUCATION & CERTIFICATIONS

B.S. in Software Engineering, COMSATS University Islamabad

Sep 2024 - May 2028

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Systems, Web Engineering, Software Design Patterns.

Certifications: Programming for Everybody - Python (University of Michigan), AI for Everyone (DeepLearning.AI), Fundamentals of Python and AI. All via Coursera.