

Shahid Afridi Shaik

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Skills

Frontend:	HTML5, CSS3, JavaScript, TypeScript, Responsive Design, Web Applications, Microservices Architecture
Backend:	Python, Node.js, FastAPI, REST APIs, WebSockets, NoSQL (MongoDB), SQL (MySQL, PostgreSQL)
Data Science/AI/ML:	NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Data Integrity, Large Language Models (LLM)
Tools & Platforms:	Git, GitHub, Docker, Docker Compose, Postman, VS Code, NGINX, Firebase, npm, pnpm
Methodologies & Concepts:	Agile Methodologies, OOP, Data Structures & Algorithms, Version Control, CI/CD, Debugging, Troubleshooting, Jira

Professional Summary

- **Innovative Full Stack Engineer** with 1+ years of experience developing scalable web applications using **React, Next.js, Python, and Node.js**, specializing in end-to-end solution architecture
- Expertise in **UI/UX development** with proficiency in converting **Figma** designs to responsive interfaces using **Tailwind CSS, Bootstrap, Material Design** while adhering to **web accessibility** standards
- Strong **backend integration** skills with **RESTful APIs, GraphQL, WebSockets** and database management using **PostgreSQL, MongoDB, Firebase**
- **AI/ML Specialist** with hands-on experience in **Large Language Models (LLM), NLP, predictive analytics** using **Python, TensorFlow, scikit-learn, HuggingFace** and data processing with **Pandas, NumPy**
- Proven ability in **cloud deployment** (AWS, DigitalOcean, Vercel) and containerization using **Docker, Kubernetes**
- Skilled in **Agile methodologies, CI/CD pipelines, and test-driven development** with expertise in **Jest, Cypress, pytest**
- Technical leader with strong **problem-solving abilities**, experienced in **system architecture design and performance optimization**
- Excellent **cross-functional collaboration** skills with fluency in translating **business requirements** to technical solutions
- Spearheaded and optimized enterprise solutions through AI automation, reducing development time by 75% while debugging critical system integrations. Mentored cross-functional teams to streamline workflows and automated deployment pipelines using Docker.

Projects

Enterprise Form Builder and Automation Platform

(3 Months, April 2025 - Present)

Architected a visual development platform for dynamic form generation that streamlined critical business workflows and reduced development time for new forms by an estimated 75%.

- Engineered an intuitive drag-and-drop UI with real-time previews and complex, grid-based layouts to enhance the overall user experience (UX)
- Developed a robust conditional logic engine to enforce custom validation rules, significantly improving data collection accuracy and integrity
- Built a comprehensive security model featuring a full **Role-Based Access Control (RBAC)** system and secure authentication protocols to manage user permissions
- **Implemented using:** React 19, TypeScript, DND Kit, Framer Motion, AG Grid, Tailwind CSS

Core ERP Module and Platform Development

(6 Months, October 2024 - April 2025)

Built the backbone of the company's flagship ERP platform, creating a secure, multi-tenant system from the ground up to handle all critical business operations.

- Architected the foundational, multi-tenant system for the core ERP platform, engineering over 40 complex modules for key business verticals (Sales, Purchasing, Accounting) to manage the entire lifecycle of business-critical data
- Implemented a robust security and authentication (AuthN) layer with legal entity selection to enforce strict data segregation, complemented by advanced UI components like dynamic line-item management to support complex, entity-specific workflows
- **Implemented using:** React, TypeScript, Vite, Radix UI, TanStack Table, Zod, Axios, Tailwind CSS

Full Stack AI Chatbot: Emvive Interactive Assistant

(4 Months, June 2024 - October 2024)

Led the full stack, end-to-end development of a conversational AI assistant to automate and simplify complex enterprise data entry workflows.

- Architected a highly scalable, metadata-driven backend using Python (FastAPI), where a central JSON configuration dynamically controlled the entire conversational flow, eliminating the need for code changes to update user interaction logic
- Engineered the complete solution from concept to production, including the responsive React front-end and a containerized, multi-service deployment using Docker and Docker Compose to ensure a reliable and scalable production environment
- **Implemented using:** Python, FastAPI, React, Docker, Docker Compose, NGINX, REST APIs

Education

2024 - expected(2027)	B.Tech in Computer Science(AI/ML) at SVIT	(GPA: ongoing/10.0)
2021 - 2024	Diploma in Computer Engineering at KHIT	(GPA: 8.6/10.)
2021	Class 10th from OXFORD IIT SCHOOL	(10 Gpa)

Additional Information

Soft Skills:	Technical Leadership & Mentoring , Agile Project Management , Cross-functional Collaboration, Client Requirements Analysis
Languages:	English (Professional), Hindi (Fluent), Telugu (Fluent), Urdu (Native)
Certifications:	AI Engineering Professional Certificate , Artificial Intelligence Fundamentals, Customer Engagement: Communication Dynamics ,Problem Solving and Process Controls from IBM