

Farhan Khorsheed (Senior Full Stack & AI Engineer)

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Summary

I am a Senior Full Stack & AI Engineer leading cloud-native and generative AI solutions. Extensive experience designing enterprise APIs, microservices, and intelligent document processing platforms using Node.js, Python, React, TypeScript, and AWS. Delivered AI-driven document classification and extraction workflows integrating OpenAI, Anthropic Claude, and Azure OpenAI, improving automation and accuracy. Seeking to apply full-stack and AI expertise to drive scalable, data-rich products.

Professional Experience



DEPT

Lead Full Stack Developer & AI Engineer

- Led development of web applications with **React, Next.js, Vue/Nuxt, Angular, TypeScript, Node.js, Express.js**, and FastAPI, delivering features that increased user engagement.
- Designed Generative AI solutions using **OpenAI GPT-4o, Azure OpenAI, Claude, LLMs, RAG, AI agents, prompt engineering, and LiteLLM**, enabling faster information retrieval and reducing manual effort.
- Built secure **REST APIs and GraphQL services with MySQL, PostgreSQL, and MongoDB**, applying **API design** and governance standards, which reduced integration errors for downstream teams
- Improved application performance, SEO, and scalability through **SSR/SSG, caching, code splitting**, and cloud-native deployment with **Docker, Kubernetes, AWS, Azure, and CI/CD**.
- Mentored engineers and performed code reviews, promoting TypeScript and structured coding practices, which raised code quality and shortened development cycles.

New York, United States

Oct 2024 – Current



Bounteous

Lead Full Stack Developer & Web Developer

- Developed enterprise **e-commerce** and **CMS** platforms using **WordPress, Shopify, Magento, Drupal**, and modern **Headless CMS** architectures.
- Built responsive interfaces with **React, Next.js, HTML5, CSS3, Tailwind CSS, TypeScript**, delivering fast and accessible user experiences.
- Integrated payment gateways, third-party APIs, custom plugins, and interactive **Three.js/WebGL** product visualizers to enhance customer engagement.
- Optimized **Core Web Vitals**, SEO, accessibility, and CMS performance, reducing page load times by **40%** and improving overall site reliability.
- Collaborated with cross-functional teams to deliver scalable digital commerce solutions for international clients, enabling faster time-to-market and higher client satisfaction.

Texas, United States

Nov 2021 – Sep 2024



Dubber

Full-Stack Developer

- Designed and delivered end-to-end full-stack applications using **React, Next.js, Node.js, Express.js, FastAPI, TypeScript**, and modern RESTful architectures, enabling the product team to launch new features on schedule and improve overall user experience
- Developed reusable UI components and scalable backend services, integrating authenticated APIs and optimizing data-fetching strategies for improved performance.
- Managed the complete software development lifecycle-including system design, testing, debugging, deployment, technical documentation, and CI/CD automation-which shortened release cycles and raised code quality across the team.
- Collaborated with Agile Scrum teams, introduced standardized code-review guidelines and CI/CD pipelines in GitHub Actions, and refined onboarding documentation, which reduced new-engineer ramp-up time and increased team productivity.

Sydney, New South Wales, Australia

Mar 2018– Oct 2021



Mentor

Technical turing & Mentorship

- Taught programming fundamentals, algorithms, data structures, and software engineering principles using Docker containers and Angular examples, enabling students to build functional web apps; students completed capstone projects and demonstrated solid coding skills.
- Mentored learners through Git-based code reviews, debugging sessions, and hands-on programming exercises using FastAPI and CSS3, which reduced debugging time and produced cleaner code.
- Created a collaborative learning environment and consistently received positive feedback for clear communication, technical guidance, and reliability.

Sydney New South Wales, Australia

Jun 2016– Feb 2018

Education

	University of Sydney Master's degree, Information Technology	GPA :3.8 / 4.0	Jan 2016 - Dec 2018
	Macquarie University Bachelor's degree, Information Technology	GPA :3.4 / 4.0	Feb 2013 - Dec 2015

Technical Skills

Programming Languages:

TypeScript, JavaScript (ES6+), Python, PHP, SQL

Frontend:

React, Next.js, Vue.js, Nuxt.js, Angular, HTML5, CSS3, Tailwind CSS, Three.js, WebGL

Backend:

Node.js, Express.js, FastAPI, Laravel, REST APIs, GraphQL, OpenAPI/Swagger

AI & Generative AI:

OpenAI (GPT-4o, GPT-4), Anthropic Claude, Azure OpenAI, Large Language Models (LLMs), AI Agents, Multi-Agent Systems, RAG (Retrieval-Augmented Generation), Prompt Engineering, LiteLLM, Agentic Workflows, Model Routing, AI Evaluation, Guardrails, Human-in-the-Loop (HITL)

Databases:

MySQL, PostgreSQL, MongoDB

Cloud & DevOps:

AWS, Azure, Docker, Kubernetes, GitHub Actions, CI/CD, DevSecOps

Architecture:

Microservices, Event-Driven Architecture, Cloud-Native Applications, Distributed Systems, API Design & Governance

Document Intelligence:

OCR, Intelligent Document Processing (IDP), Document Classification, Data Extraction, Entity Extraction, Metadata Management, Knowledge Extraction, Document Verification, Confidence Scoring, Exception Handling Workflows

CMS & E-Commerce:

WordPress, Shopify, Magento, Drupal, Headless CMS

Development Practices:

Agile/Scrum, Git, Code Reviews, Clean Architecture, Design Patterns, Performance Optimization, SEO, SSR/SSG, Caching, Responsive Design