

Krish Suthar

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Summary

Full Stack Developer with experience building scalable web applications, RESTful APIs, microservices, and cloud-native solutions using Java, Python, JavaScript, TypeScript, React, Next.js, Angular, and Node.js. Skilled in AWS and Azure cloud deployments, containerization with Docker and Kubernetes, and CI/CD automation. Hands-on experience integrating Generative AI solutions using OpenAI APIs, LangChain, LLMs, Prompt Engineering, and Retrieval-Augmented Generation (RAG). Strong background in database optimization, automated testing, and Agile software development, with a proven ability to deliver high-performance enterprise applications supporting thousands of users.

Technical Skills

Programming Languages & AI

Java, Python, JavaScript, TypeScript, AI/ML, Generative AI, LLMs, NLP, Prompt Engineering, OpenAI API

Back-End Development

Node.js, Express.js, RESTful APIs, Microservices, API Development, RAG Integration

Version Control & CI/CD

Git, GitHub, GitLab, Docker, Jenkins, Kubernetes, AWS Lambda

Testing Tools

Postman, Cypress, API Testing, UI Testing, Debugging

Operating Systems

Linux, Windows, iOS

Front-End Development

React.js, Next.js, Angular, HTML5, CSS3, Tailwind CSS, Bootstrap, NgRx, RxJS, jQuery

Databases

MongoDB, PostgreSQL, MySQL, SQL Server, Firebase, Firestore, Vector Databases, SSRS, SSIS, SSAS

Cloud

AWS (Lambda, ECS, RDS, S3), Microsoft Azure, Docker, Kubernetes, Azure DevOps, Jenkins, CI/CD Pipelines

Methodologies & Other Tools

Git, GitHub, GitLab, Jira, Agile, Scrum, SDLC

Experience

Full Stack Developer, *Protiviti*

05/2024 – Present

- Developed and maintained scalable RESTful APIs and microservices using Java, Node.js, and Express.js, supporting enterprise-grade business applications.
- Built responsive front-end solutions using React.js, Next.js, HTML5, CSS3, and jQuery, improving user experience and application performance.
- Integrated Generative AI capabilities using OpenAI APIs, LLMs, Prompt Engineering, and RAG architectures to enhance business workflows and automation.
- Designed and optimized MongoDB, PostgreSQL, MySQL, and SQL Server databases, reducing query response times by 40%.
- Deployed cloud-native applications on AWS and Azure using Docker, Kubernetes, AWS Lambda, and Azure DevOps CI/CD pipelines, reducing release cycles by 30%.
- Conducted API and UI testing using Postman and Cypress, improving application stability and reducing production defects.
- Collaborated with product managers, QA engineers, and developers within Agile/Scrum teams, contributing to sprint planning, code reviews, and feature delivery.

Software Developer Intern, *Mphasis*

01/2024 – 04/2024

- Developed enterprise web applications using Java, TypeScript, React, Angular, and Node.js, supporting over 50,000 active users.
- Built and maintained 40+ secure RESTful APIs with authentication and authorization mechanisms.
- Integrated OpenAI APIs, LangChain, NLP models, and LLM-powered workflows to deliver AI-enhanced application functionality.
- Implemented event-driven data pipelines using Apache Kafka and RabbitMQ for real-time data processing.
- Participated in migration initiatives from legacy infrastructure to AWS services including Lambda, ECS, RDS, and S3, reducing infrastructure latency by 20%.
- Leveraged Docker and Kubernetes orchestration to improve deployment efficiency and system scalability.
- Contributed to Agile development processes, code reviews, monitoring dashboards, and production support activities.

Education

Computer Programming, *Georgian College*

09/2023 – 12/2025

PROJECTS

Restaurant Management System (RMS) & POS, *React · Node.js · Express · MongoDB · Tailwind CSS · Vercel*

- Developed a comprehensive full-stack Point of Sale application to streamline restaurant operations, order processing, and staff workflows using React and Tailwind CSS on the frontend with a Node.js/Express/MongoDB backend.
- Implemented secure role-based access control (RBAC) with employee ID and password authentication, ensuring safe terminal access and user session management across staff roles.
- Engineered an intuitive order-entry UI with real-time system notifications, reducing order processing time and improving staff efficiency at the point of sale.
- Deployed the application on Vercel, optimizing frontend build performance and ensuring high availability for end-users in a production environment.

UniDiscover - Global University Management Platform

- Developed a scalable university search and application platform using React, Next.js 14, TypeScript, Firebase, and Firestore, enabling secure authentication, real-time application tracking, and dynamic data management for international students.
- Built responsive premium UX/UI with Tailwind CSS and glassmorphism design, integrating real-time weather APIs, multi-currency tuition conversion, advanced filtering, and interactive comparison features to enhance user engagement and decision-making.