

Ashish Tiwari

☎ 714-686-9164

✉ ashishtiwari.b@gmail.com

in LinkedIn

📁 Portfolio

📍 Mountain View, CA

PROFESSIONAL SUMMARY

Highly skilled Software Engineer with expertise in developing scalable and high-performance software and web solutions.

EDUCATION

Master of Science: Computer Science

California State University, Fullerton, CA (GPA: 3.77)

📅 Aug 2022 – May 2024

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python, Go

Frontend Technologies: React, Next.js, Vue.js, Angular, Material-UI, jQuery, Ajax, HTML, CSS, Bootstrap, Tailwind

Backend Technologies: Node.js, Express.js, NestJS, Spring, SpringBoot, Django, Flask, GraphQL, REST, SOAP

Database & Messaging: MySQL, PostgreSQL, MongoDB, AWS DynamoDB, S3, EC2, RDS, Redis, Kafka, RabbitMQ

Development Tools: IntelliJ, VSCode, JUnit, Jest, Postman, Git, GitHub, Jenkins, Docker, Kubernetes, AWS, GCP

WORK EXPERIENCE

Web Application Developer

California State University, Fullerton

📅 Jan 2023 – Apr 2024

- Managed and maintained the university's website and student portal, ensuring high availability & optimal performance.

Senior Software Engineer

Ntier Infotech, Indore, India

📅 June 2016 – June 2021

- Developed high-performance software and web applications, scalable backends and interactive frontends.
- Engineered and optimized microservices and RESTful APIs, improving data flow and reducing latency.
- Deployed cloud-native solutions on AWS and GCP, optimizing scalability, resilience, and cost efficiency.
- Designed and managed databases with MySQL, PostgreSQL, and MongoDB for highly effective data storage.
- Automated CI/CD pipelines with GitHub Actions, Jenkins, Docker, and Kubernetes, streamlining deployments.
- Integrated Kafka, RabbitMQ for event-driven architecture, ensuring fault-tolerant messaging, and Redis for caching.
- Implemented authentication and security measures such as OAuth2, JWT, and role-based access control (RBAC).
- Collaborated with cross-functional teams to architect software solutions, enhancing functionality and maintainability.

Software Engineer Intern

National Resource for Network Biology (NRNB)

📅 Apr 2016 – Aug 2016

- Enhanced Cytoscape's data analysis capabilities and command-line interface by creating a custom compiler.

PROJECTS

E-Commerce Website: (Technologies: React, Redux, Node.js, Express.js, MongoDB, Docker, REST, Stripe API)

🔗 [ShopSync](#)

- Developed a feature-rich e-commerce platform with a dynamic product catalog and filtering options.
- Integrated secure Stripe API payment processing for seamless and reliable transactions.
- Implemented real-time inventory updates, order tracking, and automated email notifications.

E-Learning Platform: (Technologies: Java, Spring Boot, Angular, Material UI, MySQL, RabbitMQ, REST APIs)

🔗 [LearnLink](#)

- Built an interactive learning platform with dashboards, course pages, quizzes, and discussion forums.
- Developed real-time progress tracking, personalized notifications, and performance analytics.
- Designed a scalable backend architecture to support high user traffic and concurrent sessions.

Collaborative Workspace: (Technologies: Java, SpringBoot, React, PostgreSQL, WebSockets, Kafka, AWS)

🔗 [Prioritize](#)

- Created a team productivity platform with real-time task management and document collaboration.
- Implemented an integrated messaging system for seamless team communication and updates.
- Designed an intuitive UI with drag-and-drop functionality for improved workflow management.

CERTIFICATIONS

- Building Scalable Java Microservices with Spring Boot and Spring Cloud

🔗 [Google Certificate](#)

- Developing Back-End Apps with Node.js and Express

🔗 [IBM Certificate](#)

- Introduction to Front-End Development

🔗 [Meta Certificate](#)