Ashish Tiwari

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PROFESSIONAL SUMMARY

Skilled Full Stack Software Engineer with expertise in developing enterprise applications using Java, SpringBoot, JavaScript, React, Node, and building scalable microservices and high-performance platforms that drive business success.

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, PHP, HTML, CSS, SQL
Frontend Technologies: Angular, Bootstrap, Tailwind, jQuery, React, Redux, Next.js, Vue.js, Material UI
Backend Technologies: Node.js, Express.js, Spring, Spring Boot, Hibernate, Django, Laravel, REST APIs, Microservices
Databases: OracleDB, MySQL, PostgreSQL, MongoDB, DynamoDB, Cassandra, Redis, Memcached, Amazon S3
Development Tools: IntelliJ, Maven, Npm, JUnit, Jest, AWS, Postman, Kafka, RabbitMQ, Docker, Kubernetes, Jenkins

WORK EXPERIENCE

Web Application Developer (Part Time)

CSU Fullerton Auxiliary Services Corporation, Fullerton　　　　　　　　　　　　*Jan 2023 – Apr 2024*

- Managed and maintained the university's store (Titan Shops) website, updating product details, media and inventory, ensuring high availability, optimal performance, and intuitive, seamless user experience.

Senior Software Engineer

Ntier Infotech, Indore, India　　　　　　　　　　　　　　　　　　　　　　　*Jun 2016 – May 2021*

- Developed and deployed high-performance, scalable software & web applications using a comprehensive tech stack, including Java, Spring Boot, JavaScript, React, Node.js, SQL & NoSQL databases to address complex business needs.
- Engineered and implemented robust RESTful APIs and microservices, optimizing system performance by 30% and supporting high volume of daily transactions, while ensuring seamless user experiences.
- Utilized Docker for containerization and Kubernetes for orchestration, achieving a 40% reduction in deployment times and significantly enhancing the efficiency of continuous integration and delivery workflows.
- Collaborated with product managers, clients, and cross-functional teams to deliver mission-critical projects on schedule, aligning technical approaches with business objectives to drive operational improvements.
- Led the development and launch of new product features, resulting in a 20% increase in user engagement, 25% growth in site traffic, and a 25% improvement in team collaboration and productivity.
- Optimized legacy codebases, boosting efficiency, and cutting server costs by 15% to ensure scalability and reliability.

Software Engineer Intern (Remote)

Google Summer of Code　　　　　　　　　　　　　　　　　　　　　　　　　*Apr 2016 – Sep 2016*

- Enhanced Cytoscape's data analysis capabilities by creating a custom compiler with SQL-like queries. Enhanced the command-line interface with features like variable substitution, decision-making, looping, and autocomplete.

PERSONAL PROJECTS

E-Commerce Website: Designed and developed a feature-rich e-commerce website enabling users to seamlessly browse products, process orders, and make secure payments, ensuring a smooth shopping experience. Integrated real-time inventory updates and personalized user accounts to enhance engagement and streamline order tracking.
Technologies: React, Node.js, Express.js, MongoDB, Bootstrap, REST APIs, Stripe API　　　🔗GitHub: ShopSync

E-Learning Platform: Created a feature-rich e-learning solution with intuitive dashboards, detailed course pages, engaging quizzes, and automated grading. Integrated forums for discussions, real-time progress tracking, and personalized notifications to enhance user engagement. Designed to deliver a seamless and interactive learning experience.
Technologies: Java, Spring Boot, Angular, MySQL, RabbitMQ, REST APIs, CSS　　　　　🔗GitHub: LearnLink

Collaborative Workspace Application: Built a versatile platform enabling efficient task management, real-time document editing, and seamless team communication. Features include shared workspaces, live updates, and integrated messaging to foster collaboration. Designed for teams to streamline workflows and stay organized.
Technologies: Java, Spring Boot, React, TypeScript, PostgreSQL, REST APIs, RabbitMQ　　🔗GitHub: Prioritize