Gotam Singh

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Career Objective

Detail-oriented Software Engineer with experience developing web applications using Java, Spring Boot, React, MongoDB, and PostgreSQL. Proficient in microservices, RESTful API design, and modern frontend architecture. Seeking to leverage my technical expertise and collaborative mindset to deliver reliable and scalable software products.

Experience

Developer-1, Software Engineer, UST Global – Trivandrum, India   Mar 2024 – Jul 2025

- Developed and maintained RESTful APIs using Spring Boot, improving performance and stability.
- Implemented WebClient-based non-blocking HTTP calls, reducing thread usage during peak load.
- Integrated Apache Kafka for asynchronous communication, enhancing microservice reliability.
- Worked on microservices architecture, improving modularity and scalability of backend systems.
- Collaborated with cross-functional teams to deliver high-quality production features in Agile sprints.
- Contributed to code optimization and refactoring, reducing technical debt and improving maintainability.
- Used Git, CI/CD pipelines, and industry best practices to ensure smooth and error-free deployments.

Internship

Associate Software Developer, Sarjapur – Marathahalli   Jan 2025 – Mar 2025

- Developed single-page application navigation using React Router DOM, enhancing user experience and routing efficiency.
- Wrote unit and component tests using Jest and React Testing Library to improve code reliability and coverage.
- Utilized React Hooks and Redux Toolkit for scalable and efficient state management.
- Integrated RESTful APIs using Axios and Fetch API for seamless frontend–backend communication.
- Enhanced UI responsiveness and consistency across devices using Tailwind CSS.

Software Engineer Intern , Revature   Dec 2025 – Present

- Gained hands-on experience in Core Java, OOP concepts, and Java Collections through structured training.
- Designed and developed RESTful APIs using Spring Boot with layered architecture (Controller, Service, Repository).
- Implemented CRUD operations using Spring Data JPA and Hibernate with MySQL integration.
- Secured applications using Spring Security with JWT-based authentication and role-based authorization.
- Developed unit tests using JUnit and Mockito to ensure application stability and maintainability.
- Used Git for version control and followed Agile methodologies during project development.

Projects

ThumbnailRanker

- The project was developed using the MERN (MongoDB, Express, React, Node.js) stack.
- Incorporates JWT token-based authorization, hashed password storage, and input validation using Zod.
- Images from the project were uploaded to AWS S3 for storage and retrieval.

Paytm Full Stack Web Application

- Developed using the MERN stack (MongoDB, Express.js, React, Node.js).
- Implements JWT authentication, Zod for input validation, and bcrypt for password hashing.
- Implemented user search and secure transaction features for seamless interactions.

Medium Clone
- Developed using React, TypeScript, Zod, Wrangler, Hono, Prisma, and PostgreSQL.
- Deployed on Cloudflare Workers, leveraging a serverless backend for optimal scalability.

DeliveryChat – Messaging System using RabbitMQ
- Utilizes RabbitMQ to implement a producer-consumer messaging model.
- Simulates real-time interactions where a customer places an order and a delivery agent responds.
- Demonstrates asynchronous communication and message queuing concepts.

Education

Visvesvaraya Technological University, BE in Computer Science and Engineering   2020 – 2024
- CGPA: 8.5/10

Jammu and Kashmir State Board, SSC in PCMB   2018 – 2020
- CGPA: 8.9/10

Technologies

Programming Languages: Java, JavaScript (ES6+), HTML5, CSS3

Backend: Spring Boot, Spring MVC, Hibernate, Node.js, REST APIs

Frontend: React.js, Tailwind CSS, Bootstrap, Angular

Databases & Tools: MySQL, MongoDB, Git.

Core Concepts & Soft Skills: Microservices, Linux, Agile, Problem Solving, Communication, Leadership, Team Collaboration

Positions

I held a lead role as a member of the irp department in FOCUS. Provided guidance to junior members and peers in resolving issues

Declaration

To the best of my knowledge, the information presented above is accurate and full.