

# Goutam Mandloi

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[github.com/Goutammandloi](https://github.com/Goutammandloi) | <https://goutamportfolio-web.vercel.app/>



## Summary

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Results-oriented Java Spring Boot Developer with hands-on experience in building and deploying scalable, cloud-native applications. Proficient in microservices and monolithic architectures using Spring Boot, Spring Cloud, Docker, and AWS. A dedicated B.Tech graduate seeking to leverage technical skills in a challenging developer role.

## Experience & Training

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### Spring Boot Developer Intern

Mar 2025 - Sep 2025

*Pankaj Sir Academy Bangalore — On-site*

- Engineered and launched a production-ready, distributed application using a cloud-native, microservices architecture with Java and Spring Boot.
- Fortified the application by implementing a sophisticated security layer with Spring Security, enforcing token-based authentication (JWT/OAuth2) and strict Role-Based Access Control (RBAC).
- Integrated Spring Cloud components for a resilient distributed system, including Eureka for service discovery, Spring Cloud Gateway for API routing, and Feign Client for declarative REST communication.
- Monitored application health and performance in real-time by configuring AWS CloudWatch and establishing logging best practices.

### Java Developer Intern

Jun 2024 – Sep 2024

*Coding Shuttle — Remote*

- Developed a feature-complete monolithic web application using a Model-View-Controller (MVC) architecture with Java and Spring Boot.
- Implemented a robust security layer using Spring Security and OAuth2 for user authentication and role-based authorization.
- Utilized Spring Boot Actuator for application monitoring and implemented SLF4J for effective logging.

## Skills

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### Languages & Frameworks

- **Proficient:** Java, Spring Boot, Spring Security, Hibernate, REST APIs
- **Familiar:** Spring Cloud (Gateway, Feign), Spring Data JPA
- **IDEs & Servers:** IntelliJ IDEA, Eclipse, STS, Apache Tomcat, Eureka Server

### Containerization, IaC & Platforms

- **Proficient:** Docker, Jenkins, Linux, Git, AWS (core services)
- **Familiar:** Kubernetes (EKS), Terraform, Ansible, GitHub Actions
- **Monitoring & Logging** ELK Stack (Elasticsearch, Logstash, Kibana), Zipkin, SLF4J

### Databases & Tools

- **Proficient:** MySQL, PostgreSQL
- **Familiar:** Redis, Kafka

## Testing Tools

- **Proficient:** JUnit, Mockito, Jacoco, Postman

## Projects

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**Hotel Management System (Microservices)** Goutammandloi/hotel-management-services-project.git

*Tech Stack: Java, Spring Boot, Spring Cloud, Kafka, AWS S3, MySQL, Docker*

- Architected a distributed, event-driven hotel management system by decomposing the application into core microservices **User, Property, Booking, and Payment**, using **Spring Cloud Gateway** for API routing and **Eureka** for service discovery.
- Engineered an event-driven notification system using **Apache Kafka** to ensure asynchronous, reliable communication for booking confirmations and updates.
- Secured all API endpoints by implementing a centralized **api-gateway and authservice** with Spring Security and **JWT-based authentication** , successfully protecting user data and enforcing role-based access.
- Integrated **AWS S3** for scalable, secure storage and retrieval of property images and user documents.

**Ride Booking Application (Monolithic MVC)** Goutammandloi/Ride-Booking-service.git

*Tech Stack: Java, Spring Boot, Spring Security, Spring MVC, PostgreSQL*

- Built a monolithic web application based on the MVC architecture to create a platform connecting drivers and riders.
- Developed a secure user management system with role-based access (rider, driver) using Spring Security, including registration and login functionality.
- Designed and implemented the core booking logic, allowing users to search for rides, make bookings, and view their ride history.

## Education

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**B.Tech in Computer Science and Engineering, Medi-caps University, Indore** **Expected 2025**

**B.Sc in Computer Science, Medi-caps University, Indore** **July 2023**

## Certifications

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|---|----------------------------|
| • <b>Full-Stack Java Developer — Pankaj Sir Academy</b> | <b>Mar 2025 - Sep 2025</b> |
| • <b>Spring Boot 0 to 1 — Coding Shuttle</b>            | <b>Jun 2024 - Jul 2024</b> |
| • <b>Core , Adv Java , J2EE — TehnoSoft Informatics</b> | <b>Jan 2024 - Apr 2024</b> |

## Extra-Curricular Activities

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- **RunnerUp: National Transtemporal tattle trials 2021 inurture education pvt.ltd** **Jan 2022**