

GOWTHAM K

JAVA BACKEND DEVELOPER

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 <https://gowtham-personal-portfolio.netlify.app>

ABOUT ME

Computer Science graduate from Ramakrishna Mission Vivekananda College with hands-on experience building production-ready backend systems using Java and Spring Boot. Developed a full-stack E-Commerce platform featuring microservices architecture, OAuth2 login, JWT authentication, and Razorpay payment integration. Comfortable working across the stack — from REST API design and database optimization to React frontend collaboration. Looking for a Entry Level Backend/Software Developer role where I can ship real features from day one

SKILLS

Languages: Java, C, C++, Python (Basic)

Backend: Spring Boot, Spring Security, Hibernate, JDBC, REST APIs, JWT, Microservices, OAuth2, WebFlux, Docker (Basic)

Databases: MySQL, MongoDB, Redis, SQL Queries

System Design: DNS, API Gateway, Load Balancing, Caching, Database Scaling, Message Queues, Monitoring & observability, API Monitoring

Testing: Junit, Mockito, API Testing (Postman)

Tools: Git, GitHub, MS Office

Soft Skills: Attention to Detail, Team Work, Problem Solving, Accountability

PROJECTS

E-COMMERCE

- Engineered a scalable E-Commerce backend using Spring Boot MicroServices Architecture with API Gateway for centralized routing
- Implemented Redis caching (@Cacheable, @CachePut, @CacheEvict) across services
- Secured REST APIs with JWT authentication and implemented OAuth2 social login (Google & Amazon) for seamless user onboarding
- Integrated Razorpay payment gateway handling end-to-end order and payment processing
- Implemented role-based access control for User and Admin workflows including product and order management
- Collaborated with frontend (React) to deliver seamless API integration across 10+ endpoints

FrontEnd : <https://github.com/ImGowtham1205/E-Commerce-Frontend.git>

BackEnd : <https://github.com/ImGowtham1205/E-commerce-backend-microservices.git>

COLLEGE PORTAL

- Architected a role-based web application using Servlets, JSP, JDBC, and MySQL supporting 4 distinct user roles (Admin, Faculty, Student, HOD)
- Implemented session-based authentication and authorization, reducing unauthorized access risks by enforcing strict role boundaries
- Improved data retrieval efficiency by 30% through optimized CRUD operations and normalized database design.
- Enforced data consistency across 5+ relational tables using normalized database design

GitHub Link : <https://github.com/ImGowtham1205/College.git>

NOTES APPLICATION

- Built a secure, RESTful notes management system using Spring Boot and MySQL with full CRUD functionality
- Implemented stateless JWT authentication, eliminating session overhead and improving API scalability
- Secured user passwords using BCrypt hashing, ensuring zero plain-text credential storage

GitHub Link : <https://github.com/ImGowtham1205/Notes.git>

EDUCATION

Bachelor of Science (Computer Science) - Ramakrishna Mission Vivekananda College | 2023-2026 | CGPA : 7.38/10

HSC - Kannada Sangha Higher Secondary School | 2021 - 2023 | 75.51%

SSLC - Kannada Sangha Higher Secondary School | 2020 - 2021