

AVNISH KUMAR

Ranchi,834001 | +91 9835239090

Email

LinkedIn

GitHub

Portfolio

PROFESSIONAL SUMMARY

Computer Science undergraduate (8th Semester) specializing in Java Backend Development. Experienced in developing RESTful APIs, microservice-style backend components, and scalable server-side applications using Java, Spring Boot, Servlets, JDBC, and SQL databases. Strong understanding of OOPS, Data Structures, MVC architecture, authentication, authorization, exception handling, and SDLC. Seeking an entry-level Java Backend Developer / Software Engineer role.

TECHNICAL SKILLS

- Programming Languages:** Java, JavaScript (ES6+), Python, C
- Frontend Technologies:** HTML5, CSS3, JavaScript, React.js
- Backend Technologies:** Java, Spring Boot, Java Servlets, JDBC, RESTful APIs, Node.js, Express.js
- Databases:** MySQL, SQL, MongoDB, Mongoose
- Framework & Backend Concepts:** MVC Architecture, Microservices Basics, Authentication & Authorization, CRUD Operations, Exception Handling
- Cloud & Systems:** AWS (EC2, S3 – Basics), Linux
- Tools & Version Control:** Git, GitHub, Postman
- CS Fundamentals:** Data Structures & Algorithms, OOPS, DBMS, REST APIs, SDLC

WORK EXPERIENCE

Prodigy InfoTech — Full Stack Web Developer Intern

Jul–Aug 2025

- Developed full-stack e-commerce web application using Node.js, Express.js, MongoDB
- Implemented RESTful APIs following industry-standard request/response patterns
- Integrated authentication, authorization, and role-based access control
- Designed admin panel with secure CRUD operations and backend validations
- Applied error handling, logging, and API testing using Postman

PROJECTS

Recipe Sharing Platform [GitHub](#)

HTML, CSS, JavaScript, Node.js, Express.js, MongoDB

- Designed and implemented RESTful APIs for recipe CRUD operations
- Implemented authentication middleware and protected API routes
- Applied schema validation and optimized database queries using Mongoose
- Followed MVC pattern for clean backend code organization

E-commerce Web Application (Backend Framework) — [GitHub](#)

Java, Java Servlets, JDBC, SQL

- Built Java backend using Servlets, JDBC, and MVC architecture
- Designed relational database schema and optimized SQL queries
- Implemented session management, server-side validation, and exception handling

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science Engineering

2022–2026

Amity University Jharkhand

CGPA: 7.4

Intermediate (PCM) — 75.6%

2022

Matriculation — 77%

2020

CERTIFICATIONS & HIGHLIGHTS

- NPTEL – Introduction to Internet of Things
- Workshop on Fraud Management using Generative AI
- Intellectual Property Awareness Training – National IP Mission
- Internship Common Aptitude Test
- Solved 250+ Data Structures and Algorithms problems on LeetCode using Java