

# AVNISH KUMAR

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[Email](#)

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[GitHub](#)

[Portfolio](#)

## PROFESSIONAL SUMMARY

Computer Science undergraduate (8<sup>th</sup> 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