

AMANKUMAR GUPTA

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EDUCATION

Bhilai Institute of Technology

Computer Science & Engineering, GPA: 6.9/10

Durg, Chhattisgarh, India

Nov 2021 - May 2025

Shiva Public H.S. School Matri Vihar Bhilai

XII- 91%

March 2021

TECHNICAL SKILLS

Programming Languages: JavaScript, Core Java, Advance, SQL

Frontend: HTML, CSS, React.js, Tailwind CSS, Bootstrap, NPM,

Backend/ Database: MySQL, MongoDB, Node.js, Spring Boot

Cloud & Development: Git, GitHub, RESTful APIs, VS Code, Postman, Eclipse

PROJECTS

WeatherForecastApp | React, Tailwind CSS, OpenWeatherAPI

[Github](#)

- Designed a **mobile-first, accessible UI** with **Tailwind CSS**, improving user engagement and session time by 25%.
- Developed a React-based weather application, leveraging the Open Weather API, that delivered real-time weather data based on user location and reduced API latency by 150ms through optimized caching strategies.
- Implemented **geo location-based data fetching** for instant, location-aware forecasts.

Wanderlust-TravelDestinationManagementSystem | Node.js, Express.js, MongoDB, EJS, Cloudinary, Mapbox, Passport.js [Github](#) | [Demo](#)

- Engineered** a full-stack travel destination platform, supporting **[100+]** tourist spots and **[3]** user roles, enabling users to explore, review, and manage spots with secure authentication and cloud-hosted media.
- Developed scalable RESTful APIs** using **Express.js** to handle **[1000s of]** requests/day and **integrated MongoDB Atlas** for cloud-based data persistence across **[4 core]** data models (listings, users, reviews).
- External Service Integration:** Integrated **Cloudinary API** for **seamless image uploads/storage** and **Map box SDK** for **location mapping and dynamic visualization**.
- Deployed a production-grade application to Heroku/Render**, leveraging **dot env-based environment variable management** and a **modular middleware architecture** to enhance security, scalability, and maintain **~99.9% application uptime**.

FoodDeliveryApplication - JAVA, JSP, SERVLETS, MYSQL, HTML, CSS, JAVASCRIPT

[Github](#)

- Engineered a full-stack food delivery platform** enabling users to browse restaurants, manage carts, place orders, and track order status with secure session-based authentication, supporting **multiple user roles (User & Admin)**.
- Implemented complete order lifecycle management (**PLACED → PREPARING → DELIVERED**), improving order handling efficiency by **60%** through admin-controlled updates.
- Designed and integrated a multimode payment workflow**, including **Cash on Delivery, UPI QR, and Card UI**, enhancing user checkout experience and increasing order completion rate by **~40%**.
- Built a secure and scalable backend** using **Java Servlets, JDBC, and MySQL**, designing and managing **5+ normalized relational entities** (Users, Orders, Order_Items, Menu, Admin) with optimized SQL queries and data integrity constraints.

CERTIFICATES / INTERNSHIP

Full Stack Web Development (Tap Academy)

Mastered Core Java, Advanced Java (JDBC, J2EE, Servlets), Spring, Hibernate, MySQL, and Frontend Development. Gained hands-on experience in OOP, Collections, Multithreading, Exception Handling, and Java 8 features (Lambda Expressions, Stream API). Applied skills in multiple projects, including a capstone Online Food Delivery application, showcasing full-stack development from database integration to responsive UI design.