AMANKUMAR GUPTA

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EDUCATION

Bhilai Institute of Technology   **Durg,Chhattisgarh, India**
Computer Science& Engineering, GPA: 6.9/10

Nov2021 - May 2025

ShivaPublicH.SSchoolMatriVihar Bhilai
XII– 91%   *March 2021*

TECHNICAL SKILLS

Programming Languages*: JAVASCRIPT,COREJAVA,ADVANCEJAVA,SQL*
Frontend:REACT.JS, TAILWINDCSS, BOOTSTRAP, NPM,SPRING BOOT,HYBERNET,HTML ,CSS,EXPRESSJS,NODE.JS
Backend / Database: FIREBASAE, (FIRESTROME, AUTHENTICATION) , MYSQL,MONGO DB,
Cloud & Development: GIT , GITHUB , RESTFUL APIs , VS Code , Post Man , AWS CLOUD,ECLIPSE

PROJECTS

WeatherForecastApp| React, Tailwind CSS, Open Weather API   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 – Travel Destination Management System | Node.js, Express.js, Mongo DB, EJS, Cloudinary, Map box, 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 **dotenv-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 multi-mode 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 experiences 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.

- **AWS Cloud Assessment** – Completed (July 2025)