Gaurav Kumar

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Skills

Languages: c, c++, java, python, javascript, **sql**, typescript, php, angular
Frameworks: react.js, node.js, express.js, Rest APIs, tailwins css, bootstrap, Mongoose
Tools: git, github, MongoDb, Mysql, **AWS**, Postman, docker, Jenkins, Kubernetes, Maven
Soft-skills: Championed project timelines, ensuring consistent on-time delivery of all tasks, **Leadership** and teamwork experience as Cricket Team **Captain**, Quick to learn and adapt to new technologies

Projects

E-Commerce Website / MERN Stack, Responsive Web Design **Click here**   *March 2024–May 2024*

- Designed and developed a scalable and user-friendly hotel booking platform to provide users with a seamless and **efficient way to search**, book, and manage hotel stays based on their preferred locations, and also give review.
- Integrated MongoDB for quick **data management**, implemented secure **REST APIs** for CRUD operations, **user authentication**, and encrypted data storage, optimized system processes, leading to a **40%** boost in performance.
- Utilized Enhanced security with **JWT authentication and password hashing**, reducing unauthorized access risks for **1,500+ users** and improving onboarding efficiency by **30%**, while maintaining **99.9% uptime**.

Vasudeva Stores Website | Full-Stack, React-Powered Grocery Hub **Click here**   *August 2024 –November 2024*

- **JWT Authentication:** Implemented login and signup functionality using MongoDB to securely store user information, resulting in **100% data protection** and smooth account management for **over 1,000 users**.
- **Comprehensive Product Management:** Integrated features allowing users to explore product details, add items to their cart, and use built-in search tool, resulting in a **20% increase** in user interaction and improved browsing efficiency.
- **Order Handling Flexibility:** Enabled users to view, add, or cancel orders directly from the cart, contributing to a **30% improvement** in order management and a seamless checkout process for **500+ orders** per month.

ACHIEVEMENTS

- Solving **125+** DSA problems on platforms like Leetcode **(Click here)**, resulting in a **94.78% acceptance rate**. Continually enhancing proficiency in algorithms and data structures through targeted practice.
- Successfully completed a **45-hour** live summer training on Full Stack Web Development (MERN Stack) from CSE Pathshala, covering hands-on projects **(Click Here)** and assessments and practical development skills. **(Certificate)**
- Successfully achieved a **12-week** NPTEL course in Cloud Computing **(Certificate)**, gaining in-depth knowledge of advanced concepts like virtualization, distributed systems, cloud service models, achieving score of 57.
- Earned the IBM **DevOps** and Software Engineering Professional **(Certificate)**, acquiring skills in Agile, CI/CD, cloud-native tools, and automation. Proficient in Python, GitHub, Docker, Kubernetes, and microservices development.
- Successfully accomplished the Udemy course "Mastering **Data Structures & Algorithms** using C and C++" taught by Abdul Bari. Developed proficiency in data structures and algorithms with hands-on coding exercises. **(Certificate)**
- Awarded **1st prize** in the school-level General Knowledge Quiz competition during Class 10.

Education

Lovely Professional University, Punjab | Computer Science and Engineering — **CGPA: 7.95**   *2022 – July 2026*
Anugrah Narayan College, Patna | Intermediate with PCM (BSEB Board) — Percentage: **78.6%**   *2020 – 2022*
Red Carpet High School, Patna | Science with Mathematics (**ICSE** Board) — Percentage: **85.2%**   *2019 – 2020*