JAIVARDHAN RAJPUROHIT

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Education

Bachelor Of Technology in Computer Science **2022 - 2026**
Vit Bhopal University, Bhopal *CGPA: 8.93 / 10*

Relevant Course: Data Structures and Algorithms, Object Oriented Programming, DBMS, Computer Networks, Operating Systems.

Skills

Programming Languages & Libraries : C++, HTML/CSS, JavaScript, SQL, Python, NumPy, Pandas
Developers Tools: Git, Github, Postman, Inngest, Stripe, Clerk
Databases: MySQL, MongoDB, Redis
Frameworks: React.js, Node.js, Express.js, Tailwind

Projects

Green Cart | *Tailwind, React.js, Express.js, MongoDB, Stripe, Redis* **May 2025 – July 2025**
- Engineered a full-stack grocery web app with React and Tailwind CSS creating a responsive user interface to streamline browsing.
- Built dynamic components in React, including product catalogs, a shopping cart and secure admin dashboard to enable efficient seller-side management
- Implemented secure user authentication system in Node with express, incorporating hashing for password and real-time data aggregation to reduce query processing by 25%.
- Optimized Search engine and performance resulting in 40% faster page loads and increase in organic search traffic for product listing.

Fabels | *Tailwind, React.js, Express.js, MongoDB, Stripe, Redis* **January 2025 – April 2025**
- Designed full-stack bookstore platform with React and Tailwind CSS responsive user interface and Elasticsearch-powered multi-criteria search, boosting book-discovery click-through by 35% and scaling to 5 000+ concurrent requests
- Developed and deployed a Clerk-based user management system, facilitating secure registration for over 10,000 users and applying granular RBAC for customer and administrator portals
- Designed multipage dashboards with slicers and filters, helping stakeholders drill down by region, product category, and time.
- Implemented a high-throughput backend solution by optimizing MongoDB for data persistence and configuring Express for efficient API and routing management

Achievements

- Ranked 1154 globally in **CodeChef** Starters 171, demonstrating advanced competitive programming and problem-solving skills.

- Achieved 1650 LeetCode rating, reflecting high proficiency in data structures, algorithms, and coding efficiency.

- Solved 600+ data structures and algorithms problems on **Leetcode** and **GeeksforGeeks**, developing deep technical expertise.

- Secured top rank among 1,000+ participants in Data Structures and Algorithms challenge at VIT Bhopal, showcasing excellence in algorithmic challenges.

- Selected for the internal round of the prestigious Smart India Hackathon, proving innovation and teamwork skills in competitive environments.

Certifications

- **Fundamentals of DevOps Certificate – IBM (2024)**

- **Top 5% in Marketing Analytics – NPTEL (2025)**