AJAY PATEL

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PROFESSIONAL SUMMARY

Motivated B.Tech Computer Science Engineering student with a strong foundation in full-stack web development and data structures. Proficient in the MERN stack with hands-on experience building scalable applications. Passionate about solving complex problems through code and eager to contribute to innovative technology solutions.

EDUCATION

Parul University   Vadodara, Gujarat
Bachelor of Technology in Computer Science Engineering - 8.35 CGPA (up to 4th sem)   2023 – 2027
Expected Graduation: May 2027

TECHNICAL SKILLS

Programming Languages: C++, C, Java, Python, JavaScript
Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB (MERN Stack)
Data Structures & Algorithms: Advanced DSA with C++, Problem Solving, Algorithm Optimization
Tools & Technologies: Git, GitHub, VS Code
Databases: MongoDB, SQL
Soft Skills: Problem Solving, Team Collaboration, Project Management, Communication

PROJECTS

E-Commerce Web Application (link: patelstore-bice.vercel.app)
- Developed a responsive front-end shopping website using HTML, CSS, JavaScript, and React.js
- Implemented product listing, product details, and Add to Cart functionality
- Built an interactive user interface with reusable React components
- Integrated UI with mock API data for dynamic product rendering
- Ensured mobile responsiveness and modern styling using advanced CSS techniques

Data Structures Implementation Library — C++
- Optimized algorithms for time and space complexity achieving $O(\log n)$ performance
- Created unit tests to validate correctness and edge case handling
- Documented code with detailed comments for maintainability and learning purposes

**Portfolio Website — JavaScript
(link: ajaypatel.vercel.app)**
- Built a personal portfolio website to showcase projects, skills, and achievements
- Developed responsive layouts with clean UI design and interactive components
- Added smooth navigation, animations, and optimized performance for all devices

ACHIEVEMENTS & ACTIVITIES

- Solved 100+ data structure and algorithm problems on competitive programming platforms
- Regularly builds and maintains personal projects on GitHub
- Participated in university coding competitions and hackathons
- Completed online certifications in advanced JavaScript and React development

INTERNSHIP EXPERIENCE — Hindalco Industries Ltd. (Aditya Birla Group)

- Assisted in front-end development for a travel website project
- Recognized for excellent performance by the Learning & Development team
- Duration: 14 May 2025 to 13 June 2025

ADDITIONAL INFORMATION

Interests: Open Source Contribution, Competitive Programming, Technology Innovation, AI/ML
Languages: English, Hindi (Native), Gujarati (Native)