

VIKRANT CHAUHAN

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Education

National Institute of Technology Karnataka, Surathkal <i>Bachelor of Technology in Electronics and Communication Engineering</i>	2021 – 2025 CGPA: 6.85
Jawahar Navodaya Vidyalaya, Bengaluru Urban, Karnataka <i>Senior Secondary (CBSE)</i>	2018 – 2020 Percentage: 89.2%
Jawahar Navodaya Vidyalaya, Mau, Uttar Pradesh <i>High School (CBSE)</i>	2017 – 2018 Percentage: 90.8%

Technical Skills

Programming Languages: C, C++, JavaScript, Java
Frontend: Angular, React.js, HTML5, CSS3, Tailwind CSS
Backend: Node.js, Express.js, RESTful APIs, Spring Boot
Databases: MySQL, MongoDB, SQL
Core CS Concepts: Data Structures and Algorithms, OOP, DBMS, Operating Systems
Tools and Platforms: Git, GitHub, VS Code, Postman, IntelliJ IDEA, Vercel

Soft Skills

Analytical Thinking, Debugging, Collaboration, Communication, Time Management, Problem-Solving, Proactive Learning

Experience

Web Development Training Certificate Link	2024
<ul style="list-style-type: none">Mastered HTML, CSS, JavaScript, and React.js; built 3+ fully responsive websites with modern UI/UX practices.	
SDE Trainee – PeopleStrong Spring Boot, Angular	May 2025 – Present
<ul style="list-style-type: none">Building scalable REST APIs and secure backend services using Spring Boot for recruitment workflows.Contributing to frontend features and UI enhancements in Angular to streamline candidate onboarding.	

Projects

VIDEOMELA React.js, Node.js, Express.js, MongoDB, Cloudinary, Redux Toolkit	View project
<ul style="list-style-type: none">Developed a high-performance video-sharing platform, scalable for 1000+ daily users, leveraging Redux Toolkit for optimized state management and faster rendering.Architected a secure backend with JWT-based authentication, Bcrypt encryption, and MongoDB, ensuring seamless user data protection and fast query execution.Integrated Cloudinary, reducing media upload latency by 30% and ensuring smooth video streaming under heavy traffic.	
Candidate Management System Java, Spring Boot, Spring Security, MySQL	View project
<ul style="list-style-type: none">Implemented secure JWT-based authentication and role-based access control using Spring Security, protecting 100% of admin/user routes and enhancing system reliability.Built 15+ modular RESTful APIs for registration, login, and admin actions using controller-service-repository architecture, improving scalability and reducing code duplication by 40%.Integrated MySQL with Spring Data JPA to handle 1,000+ user records efficiently, using optimized queries and BCrypt encryption to secure credentials.	
NEWSMELA React.js, JavaScript, APIs	View project
<ul style="list-style-type: none">Built a dynamic news aggregation platform with real-time updates, allowing users to filter news by categories, check live weather updates, and use a currency converter, all powered by multiple APIs.Optimized frontend performance by implementing efficient state management, lazy loading, and API caching, improving data fetching speed by 40%.Enhanced user experience by adding dark mode, mobile-first design, and seamless responsiveness across all devices.	

Extracurricular Activities

National Chess Championship: Competed at a national-level tournament, showcasing strategic decision-making, analytical skills, and the ability to thrive under pressure.

Formula Bharat 2024: Led safety improvements in the electrical subsystem for a high-performance race car, optimizing wiring architecture, and ensuring compliance with safety standards.

Engineer NITK (Technical Fest Organization): Planned and executed one of the largest technical festivals of NITK, collaborating with teams to ensure seamless event management and successful participation.

NITK Racing (Club): Member of the Electronics and Embedded Subsystems team.