

VIKRANT CHAUHAN

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Professional Summary

Aspiring Full-Stack Software Developer with 4+ months of industry experience and strong foundation in Java, Spring Boot, React.js, and Node.js. Demonstrated ability to build scalable web applications through personal projects including 50+ REST APIs, database optimization, and solutions serving 1000+ users. Eager to apply technical skills in microservices architecture, modern frontend frameworks, and cloud deployment in professional software development roles.

Technical Skills

Programming Languages: Java, JavaScript, C++

Frontend Technologies: React.js, Angular, HTML5, CSS3, Tailwind CSS, Redux Toolkit

Backend Technologies: Spring Boot, Node.js, Express.js, RESTful APIs, Microservices Architecture

Databases & Caching: MySQL, MongoDB, Redis

Cloud & DevOps: Docker, Git, GitHub, Cloudinary, Vercel, AWS (Basic)

Core Computer Science: Data Structures & Algorithms, OOP, Database Management Systems, Operating Systems

Development Tools: IntelliJ IDEA, Visual Studio Code, Postman API Testing, Git Version Control

Professional Experience

Software Development Engineer Trainee

Current

PeopleStrong

- Learning and contributing to **Spring Boot backend development** for recruitment workflows, implementing APIs that improved candidate data handling efficiency by **25%**.
- Gaining hands-on experience with **Angular frontend development** for onboarding features, enhancing UI responsiveness and reducing page load time by **20%**.

Web Development Training

2024

Certified Full-Stack Developer

- Completed comprehensive training in HTML5, CSS3, JavaScript, and React.js with hands-on project development
- Built 3+ fully responsive websites with modern UI/UX practices and mobile-first design principles
- Gained expertise in frontend optimization techniques and cross-browser compatibility

Key Projects

VIDEOMELA - Video Sharing Platform | React.js, Node.js, Express.js, MongoDB, Cloudinary, Redux

[GitHub](#)

- Engineered full-stack video-sharing platform supporting 1000+ daily active users with seamless video upload and streaming
- Implemented secure user authentication system using JWT and Bcrypt encryption, ensuring 99.9% data protection
- Integrated Cloudinary API for media management, reducing video upload latency by 30% and improving user experience
- Utilized Redux Toolkit for efficient state management, achieving 25% faster page load times and smoother user interactions

CareSync - Healthcare Management System | Spring Boot, MySQL, Redis, Docker, Spring Security

[GitHub](#)

- Architected comprehensive healthcare platform with 50+ REST APIs serving doctors, patients, and administrators
- Orchestrated role-based access control (RBAC) system with JWT authentication supporting 2 roles and secure data access
- Delivered real-time appointment scheduling system with automated conflict resolution and doctor-patient matching algorithm
- Built analytics dashboard with 15+ data visualization endpoints for patient retention and peak-hour analysis
- Optimized database performance using Redis caching and MySQL query tuning, achieving 95% faster response times
- Containerized application using Docker for consistent deployment and scalability across environments
- Created medical certificate upload system with complete patient history tracking and date-range filtering

NEWSMELA - News Aggregation Platform | React.js, JavaScript, REST APIs, Responsive Design

[GitHub](#)

- Developed dynamic news aggregation application with real-time updates and category-based filtering system
- Leveraged multiple third-party APIs for live weather data and currency conversion functionality
- Constructed client-side performance optimizations including lazy loading and API caching, improving load speed by 40%

Education

National Institute of Technology Karnataka, Surathkal

2021 – 2025

Bachelor of Technology in Electronics and Communication Engineering

CGPA: 6.85

Jawahar Navodaya Vidyalaya, Bengaluru Urban, Karnataka

2018 – 2020

Senior Secondary Education (CBSE)

Percentage: 89.2%

Jawahar Navodaya Vidyalaya, Mau, Uttar Pradesh

2017 – 2018

High School Education (CBSE)

Percentage: 90.8%

Achievements & Leadership

National Chess Championship Participant: Demonstrated strategic thinking and analytical problem-solving under competitive pressure

Formula Bharat 2024 - Electrical Team Lead: Led safety optimization for high-performance race car electrical systems, ensuring compliance with international safety standards

Engineer NITK Technical Fest - Core Organizer: Coordinated one of India's largest technical festivals, managing teams and ensuring seamless execution for 5000+ participants

NITK Racing Club Member: Active contributor to Electronics and Embedded Subsystems team, developing automotive solutions