

# VINITH SHETTY

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## Education

<b>Alva's Institute of Engineering and Technology</b> <i>Bachelor of Engineering in Computer Science and Engineering (CGPA: 9.34)</i>	<b>2022 – 2026</b> <i>Mangalore</i>
<b>Shri Hanumantrao Chate Jr. College Of Science</b> <i>Secondary and Higher Secondary Education (Percentage: 89.83%)</i>	<b>2020 – 2022</b> <i>Kolhapur, Maharashtra</i>

## Projects

<b>Streamify</b>   React.js, Express.js, Node.js, MongoDB, Tailwind CSS, TanStack Query <ul style="list-style-type: none"><li>Built a platform with video calls, screen sharing, and recording for real-time 1-on-1 and group collaboration.</li><li>Implemented real-time messaging with typing indicators, emoji reactions, and multilingual support.</li><li>Integrated JWT-based authentication, global state via Zustand, and robust frontend-backend error handling; deployed on scalable infrastructure using Stream for 99.9% uptime and smooth scaling.</li></ul>	<b>June 2025 – July 2025</b>
<b>Product Management System</b>   Java, JSP/Servlets, JDBC, MySQL, HTML, CSS <ul style="list-style-type: none"><li>Built a full-stack web app for product inventory, sales tracking and category management using MVC architecture.</li><li>Designed a responsive JSP-based UI with interactive dashboards and implemented full CRUD operations, advanced search/sort, and dynamic PDF report generation (top-N, category-wise, price filters) using iText.</li><li>Integrated secure MySQL database connectivity with JDBC, ensuring input validation, session management, and SQL injection prevention.</li></ul>	<b>Feb 2025 – Apr. 2025</b>
<b>Disaster Relief Management System</b>   React.js, Tailwind CSS, Node.js, Express.js, MongoDB <ul style="list-style-type: none"><li>Led development of a disaster relief platform streamlining donations, volunteer coordination, and resource requests, featuring a live admin dashboard for real-time statistics and decision-making.</li><li>Integrated Google Maps API for real-time resource tracking, improving logistical efficiency across 20+ relief zones.</li><li>Implemented secure payments and live news updates via Stripe and News APIs, processing donations from donors.</li></ul>	<b>Dec 2024</b>

## Experience

<b>ONWE</b> <i>Frontend Developer (Freelance)</i>	<b>Apr 2025 – June 2025</b> <i>Remote</i>
<ul style="list-style-type: none"><li>Built multi-role dashboards (Student, Institute, Vendor) for Bitwise Learn, enhancing visibility for 5,000+ users.</li><li>Implemented real-time visualizations and user management with Next.js and Tailwind CSS.</li><li>Delivered 3+ production dashboards using agile practices, reducing manual reporting by 60 hours/month.</li></ul>	

## Technical Skills

**Languages:** Java (Core, OOPs, Collections), C, C++, Python, JavaScript, Typescript  
**Frameworks:** JDBC, Servlets, JSP, HTML5, CSS3, React.js, Vue, Next.js, Node.js, Express.js, MongoDB, MySQL  
**Developer Tools:** Figma, IntelliJ, Eclipse, VS Code, Linux, Git, GitHub  
**Libraries:** Redux, Redux Saga, Shadcn, Framer Motion, Postman, Chart.js, Nodemailer, Axios, JWT, Mongoose  
**Soft Skills:** Analytical Thinking, Problem Solving, Team Collaboration, Communication, Time Management

## Certifications

- Postman API Fundamentals Student Expert
- Google AI Essentials - Coursera
- Data Structures and Applications - CodeChef
- Software Engineering - NPTEL

## Achievements

- Co-authored and published *Fortifying IoT Networks: A Blockchain-Based Communication Security Paradigm* at IEEE CICN 2024, contributing to advancements in blockchain-based IoT security.
- Secured Gold Medal among 6,000+ participants at Texplore'19, a National Level Science Exhibition by KIT-Kolhapur, showcasing technical leadership and problem-solving skills.