

Vishnu Gurrapu

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OBJECTIVE

- **Aspiring Software Engineer (Class of 2027) with strong skills in Java, C++, Python, and MERN stack development. Passionate about problem-solving, cloud-native applications, and scalable software systems. Seeking to contribute to innovative engineering projects at Salesforce as part of FutureForce.**

SKILLS SUMMARY

- **Programming Languages:** Java, C++, Python, JavaScript, TypeScript, SQL
- **Computer Science Fundamentals:** Data Structures, Algorithms, Object-Oriented Design, Complexity Analysis
- **Web Development:** React.js, Node.js (Express.js), Tailwind CSS, Bootstrap, Responsive Web Design
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Testing Tools:** Jest, React Testing Library, Vitest
- **Other Skills:** REST APIs, JWT, GraphQL (basic), Data Visualization (Recharts, Chart.js), Git/GitHub, Accessibility & Design Systems

EDUCATION

- **VNR Vignana Jyothi Institute of Engineering and Technology** Hyderabad, India
B.Tech in Artificial Intelligence and Data Science; CGPA: 8.2 Aug 2023 – May 2027
- **Rajiv Gandhi University of Knowledge Technologies** Basar, India
Pre University Course; CGPA: 9 Nov 2021 – Jun 2023

PROJECTS

- **Prescripto – Doctor's Appointment Booking Web App (MERN Stack)**
*Developed a secure platform with **JWT authentication**, **role-based access**, and a scalable Node.js/Express backend. Optimized database queries in MongoDB improving response time by 30%. Designed a responsive, user-friendly React frontend.*
Tech: React, Node.js, Express.js, MongoDB, Bootstrap, JWT
- **nxtTrendz – E-Commerce Website (Frontend Development)**
*Built a React-based e-commerce app with **dynamic product filters**, **Prime-exclusive sections**, and a **context-based cart system**. Implemented JWT login and responsive design for seamless UX.*
Tech: React.js, React Router, React Context, JWT, CSS
- **Blog Application (MERN Full-Stack)**
*Created a blog platform with **Clerk-based authentication**, **role-based access control**, and a scalable Node.js/Express backend. Focused on secure workflows and clean UI design.*
Tech: React.js, Node.js, Express.js, MongoDB, Clerk

OPEN SOURCE CONTRIBUTIONS

- **Refactored Jest to Vitest in Talawa Admin:** Migrated tests in 'AddOnRegister.test.tsx'. Improved performance. **PR:** 2860
- **Fixed Modal UI in Mautic:** Fixed unreadable modal on theme deletion. Improved accessibility. **PR:** 14619

COURSES AND CERTIFICATIONS

- : Data Structures & Algorithms, Object-Oriented Programming, Database Systems, React.js, Node.js, Python, Responsive Web Design, Dynamic Web Development, Developer Foundations – by NxtWave

ACHIEVEMENTS

- **1st Place Winner – TechnoVista 2k25 Hackathon (Algo Masters – PS-4)** among 100+ teams. Recognized for innovation, technical execution, and teamwork. [Project Link](#)
- Secured **Rank 3725** in TS-EAMCET 2023 among 200,000+ candidates.
- Top 100 out of 10,000+ in YNAEST 2019 for experimental skill screening.

VOLUNTEER EXPERIENCE

- **Technical Volunteer, ISTE - VNRVJIET** Hyderabad, India
Contributing to technical tasks and event management Jan 2025 – Present