

Vishnu Gurrapu

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OBJECTIVE

- **Aspiring software developer with MERN stack and React.js skills, seeking opportunities to build scalable applications and contribute to impactful tech solutions.:**

SKILLS SUMMARY

- **Programming Languages:** Python, C++, Java, TypeScript, JavaScript, HTML, CSS, SQL
- **Frameworks & Libraries:** React.js, Bootstrap, Tailwind CSS
- **Backend & APIs:** Node.js (Express.js), Django, REST APIs, JWT
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Cloud Platforms:** AWS (EC2, S3, IAM Basics)
- **Testing Tools:** Jest, React Testing Library, Vitest
- **Computer Science Fundamentals:** Data Structures, Algorithms, Object-Oriented Programming, DBMS

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)**
*Built a doctor's appointment booking platform with **JWT authentication**, **role-based access**, and a scalable Node.js/Express backend. Designed a responsive UI with **Bootstrap**. Optimized queries, improving response time by **30%**.*
Tech: React, Node.js, Express.js, MongoDB, Bootstrap, JWT, AWS
- **nxtTrendz – E-Commerce Website (Frontend Development)**
*Developed an e-commerce app in **React.js** with **JWT login**, **dynamic routing**, and a **context-based cart system**. Added Prime-exclusive deals and improved accessibility, achieving a **90+ Lighthouse score**.*
Tech: React.js, JWT, React Router, React Context, CSS, Lighthouse
- **Blog Application (Full-Stack Development)**
*Built a full-stack blog app using the **MERN stack** with **Clerk authentication**, **role-based access**, and **media uploads**. Optimized API calls reducing load time by **25%**.*
Tech: React.js, Node.js, Express.js, MongoDB, Clerk, Cloudinary

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

- : React.js, Node.js, Python, Responsive Web Design, Dynamic Web Development, Database Fundamentals, 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 **2nd Place** in HackVibe 2025 Hackathon among 150+ teams for building an AI-powered project.
- 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