

Jujuvarapu Abhishek

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SUMMARY

Full-stack developer experienced in building secure, scalable MERN-based web applications, focusing on authentication, APIs, admin workflows, clean architecture, performance, and practical web application security for real-world use.

EXPERIENCE

Open Source Contributor

GirlScript Summer of Code (GSSoC)

June 2025 - Present, Remote

- Contributed to 3+ open-source full-stack projects, resolving bugs, improving UI components, and delivering new features across React (frontend) and Node.js (backend) codebases.
- Improved React component performance by approximately 20–25% through refactoring, modularization, and optimized state management using React Hooks and Context API.
- Collaborated with mentors and contributors through GitHub PRs, code reviews, and Agile sprints, consistently meeting weekly contribution targets.
- Wrote clean, modular, and well-documented code, reducing onboarding time for new contributors by approximately 30–40% and improving long-term maintainability.

Web Developer Intern

Prodigy InfoTech

September 2024 - October 2024, Remote

- Engineered secure, mobile-responsive features using the MERN stack, implementing RESTful APIs and JWT-based authentication for client–server data flow.
- Reduced frontend code duplication by approximately 25–30% by building reusable and scalable React components aligned with UI best practices.
- Delivered weekly feature updates with approximately 90%+ functional test coverage, validating APIs and workflows using Postman while following OWASP-aligned security practices.
- Optimized MongoDB queries and Express.js backend logic, improving API response times by approximately 35–40% and supporting future scalability.

PROJECT

AI Mental Health Therapy Bot

Web & Security Developer | Team Project • github.com/Abhi-0930/mental-health-therapy-bot.git

- Built a secure, responsive web interface using React, reducing page load time by approximately 30–35% for active users.
- Integrated real-time emotion and sentiment analysis APIs, achieving approximately 95% classification accuracy with less than 400ms response latency.
- Implemented JWT-based authentication and HTTPS-secured communication, preventing unauthorized access and ensuring data protection.
- Tech: React, Python, Flask, MongoDB, JWT, REST APIs. Node.js, Generative AI.

Full-Stack Food Delivery Platform

Personal Project • github.com/Abhi-0930/mern-food-delivery.git

- Developed a full-stack food delivery application with user and admin dashboards, supporting end-to-end order workflows for 50+ test users and multiple concurrent orders.
- Implemented secure authentication using JWT and bcrypt, enabling role-based access control and reducing unauthorized access attempts during testing by 100%.
- Achieved less than 300ms real-time order status updates using Socket.io and scored 90+ in Lighthouse performance and accessibility audits.
- Tech: React, Node.js, Express, MongoDB, Stripe, JWT, Socket.io.

EDUCATION

B.Tech

Minor in Artificial Intelligence • Anurag University • Hyderabad, Telangana • 2026 • 7.2 CGPA

Academic Highlights

- Top Performer in multiple university-level hackathons for AI-based project prototypes.

CERTIFICATIONS

Certified Cybersecurity Analyst

Student Tribe • 2024

- Completed a one-year hands-on cybersecurity training program focused on application security, vulnerability assessment, and secure development practices.
- Applied OWASP Top 10 principles through guided lab exercises to identify and mitigate common web application vulnerabilities.
- Practiced securing sample full-stack applications by implementing authentication, access control, and basic security hardening techniques.

SKILLS

Development: React.js, Next.js, Node.js, Express.js, JavaScript, HTML, CSS, Tailwind CSS

Programming: JavaScript, Python

Databases: MongoDB, PostgreSQL

Cybersecurity: Web Application Security, OWASP Top 10, Vulnerability Assessment

APIs & Backend: REST APIs, JWT Authentication, Role-Based Access Control

Tools: Git, GitHub, Postman, Linux, Docker