

Vigna Ramtej Telagarapu

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Technical Skills

Languages: Java, Python, JavaScript, C++, TypeScript, HTML
Technologies/Frameworks: Next.js, React.js, Node.js, Express.js, Flask
Databases & Tools: PostgreSQL, MongoDB, MySQL, Prisma ORM
Other Skills: Git, CI/CD, Data Structures, Docker, AWS

Work Experience

- Backend Developer Apprentice — Secure Blink** Aug 2025 – Present
- Designed and implemented a scalable backend service for the Bulk IP Lookup and Scanner interfaces, optimizing performance and reliability. Integrated AWS Cognito to enable secure, role-based user authentication and authorization.
 - Managed backend with Serverless Framework on AWS Lambda for scalable production environments.
 - Mapped the OWASP Top 10 categories to a vulnerability scanner procedure that was integrated using ZAP. For actionable information, the scanning process was automated and made public via the backend API.
- Full Stack Developer Intern — Labfox.Studio** Mar 2025 – May 2025
- Revamped the platform's UI/UX using Next.js and Tailwind CSS, implementing responsive design best practices that reduced page load times by 40% and boosted user engagement by 60% through efficient state management strategies.
 - Integrated and optimized APIs leveraging Supabase for real-time data synchronization and validation, enhancing system reliability and data accuracy across the application.

Projects

- Code Battle Ground - Coding Arena** Mar 2025 – May 2025
- Tech Stack:** Next.js, PostgreSQL, Docker, NeonDB, Agile
- Repository: github.com/ramtejavigna/CodeBattleGround [Live Demo](#)
- A competitive coding platform was created utilizing NextJS for server-side rendering and user interactions. A strong backend using PostgreSQL (hosted on NeonDB) Containerized the application with Docker to provide uniform deployment and environments.
 - Enabled real-time code execution by creating a linux environment using Docker and leaderboard updates to enhance user engagement.
- Vedic Baby Names - CRM** Oct 2024 – Dec 2024
- Tech Stack:** React.js, Node.js, Express.js, MongoDB, WhatsApp API
- Repository: github.com/ramtejavigna/CRM-vedic [Live Demo](#)
- Guided the development of a Customer Relationship Management (CRM) system that offered customized baby name suggestions, with more than 200 client requests from the initial query to final follow-up conversations, handled smoothly.
 - Led the entire development process, from front-end and back-end processing, while maintaining user identities and facilitating the integration of WhatsApp through email with the ability to send name suggestions in PDF format.
- AMILE – Career Development & Talent Networking Platform** Aug 2024 – Jul 2024
- Tech Stack:** React.js, Node.js, MongoDB, TailwindCSS, Python, Machine Learning, Firebase
- Repository: github.com/ramtejavigna/AMILE [Live Demo](#)
- Collaborated with a diverse group of experts to identify and address three major pain points in the job preparation landscape, utilizing AI and natural language processing for groundbreaking solutions aimed at transforming candidate experiences.
 - Secure permission and authentication were added to the web interface, and the web platform was seamlessly integrated with ML models and APIs to create an interactive interview simulation experience.

Education

- Sagi Ramakrishnam Raju Engineering College, Bhimavaram** CGPA - 8.66 / 10.00
Bachelor's in Artificial Intelligence and Data Science 2022 – Present
Relevant Coursework: AI&ML, Data Science, Computer Networks, Operating System, Distributed Systems, OOPs

Achievements

- Hackoverflow 2k24 Winner** - Recognized in a nation-wide hackathon, proving our innovativeness and teamwork in problem-solving.
- SIH Internal Hackathon** - Declared as Best junior team in Smart India Internal Hackathon 2023, which had over 250 participants.
- Problem Solving** - Solved more than 300 problems, exhibiting a high problem-solving ability, DSA knowledge.
- GATE Rank 5618** - Qualified with the GATE score of 393 in Data Science and Artificial Intelligence.