Vigna Ramtej Telagarapu

📞 9032149776 | 🌐 ram-innovate.me | ✉ vignaramtej46@gmail.com | 🔗 linkedin.com/in/vignaramtej | 🐙 github.com/ramtejvigna

Technical Skills

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

Work Experience

Backend Developer Intern — Secure Blink   Aug 2025 – Dec 2025
- Engineered and deployed scalable serverless backend architectures using AWS Lambda, integrating secure role-based authentication with AWS Cognito to enhance performance, security, and maintainability.
- Developed an LLM-powered static analysis engine to identify and classify security vulnerabilities in repositories through AI-driven contextual analysis.
- Automated vulnerability correlation workflows using OWASP Top 10 list, providing developers with real-time, data-rich insights through RESTful API endpoints.

Full Stack Developer Intern — Labfox.Studio   Mar 2025 – May 2025
- Revamped the platform's frontend architecture using Next.js and Tailwind CSS, reducing page load times by 40% and increasing user engagement by 60%.
- 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/ramtejvigna/CodeBattleGround   Live Demo
- Built a competitive coding platform with Next.js for seamless server-side rendering, intuitive user interactions, and optimized performance.
- Designed a robust backend powered by PostgreSQL (hosted on NeonDB) and containerized the entire application with Docker to ensure reliable, environment-consistent deployments.
- Implemented real-time code execution within a Linux-based Docker environment and integrated live leaderboard updates to enhance user engagement and interactivity.

Vedic Baby Names - CRM   *Oct 2024 – Dec 2024*
Tech Stack: React.js, Node.js, Express.js, MongoDB, WhatsApp API
Repository: github.com/ramtejvigna/CRM-vedic   Live Demo
- Directed the end-to-end development of a custom CRM platform that delivered personalized baby name recommendations, efficiently from initial inquiry to final follow-up.
- Engineered full-stack functionality combining React.js and Node.js, integrating secure identity management and WhatsApp API capabilities to automate name suggestion delivery 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/ramtejvigna/AMILE   Live Demo
- Partnered with a multidisciplinary team to identify key challenges in job preparation and designed AI-driven features that leverage natural language processing to improve candidate readiness.
- Integrated secure authentication, machine learning models, and API-driven simulations to create an interactive, data-informed interview preparation experience.

Education

Sagi Ramakrishnam Raju Engineering College, Bhimavaram   CGPA - 8.51 / 10.00
Bachelor's in Artificial Intelligence and Data Science   *2022 – Present*
Relevant Coursework: AI&ML, Computer Networks, Operating System, Distributed Systems, OOPs, Algorithms

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.