

Vigna Ramtej Telagarapu

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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

Professional Experience

Full Stack Developer Intern — Labfox.Studio — Remote

Mar 2025 – May 2025

- Modernized UI/UX with NextJS and Tailwind CSS, and applied responsive design patterns, reducing page load times by 40% and used various state management techniques, which resulted in 60% growth in user engagement.
- Integrated APIs by taking advantage of supabase for real-time data validation.

Python Development Intern — IIDT Blackbucks — Remote

June 2024 – Jul 2024

- Built a Resume Builder SaaS by integrating a resume editor with real time PDF preview.
- The add-ons includes JWT-auth, social login, AI-powered content suggestions. This enables users to manage multiple versions of their resume. Delivered with CI/CD.

Technical Lead — SRKR Coding Club

Mar 2025 - Present

- Lead the technical team by teaching a variety of courses. Handled a variety of tasks to improve our club.
- As a technical lead, I fostered a positive productive environment in the club by educating representatives on various technologies and motivating them to be productive.

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.

Technical Skills

Languages: Java, Python, C++, TypeScript

Technologies/Frameworks: NextJS, React.js, Django, Node.js, Express.js, Flask, Fast API

Machine Learning: Data Preprocessing, Data Visualization, Tensorflow, Scikit-learn, Numpy, Pandas

Databases: PostgreSQL, MongoDB, MySQL

Other Skills: Git, CI/CD, Deep learning, Data Structure and Algorithms, Docker, AWS, TCP/IP

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 around 500 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.

Certifications

- **NPTEL Course: Programming in Java** - Scored 70%.
- **NPTEL Course: Data Science for Engineers** - Scored 84%.
- **NPTEL Course: Problem Solving through Programming in C** - 73% Obtained.
- **Deloitte Australia Data Analytics Job Simulation on Forage - June 2025** - Completed a Deloitte job simulation involving data analysis and forensic technology. Created a data dashboard using Tableau. Used Excel to classify data and draw business conclusions