

ROHITH KUMAR DHAMGATLA

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Education

Amrita Vishwa Vidyapeetham

Bachelor Of Technology, Computer Science and Engineering

Aug. 2023 – Present

Coimbatore, Tamil Nadu

Indian Institute of Technology

Bachelor Of Science, Data Science

Aug. 2024 – Present

Chennai, Tamil Nadu

Experience

Software Development Engineer Intern | BLUESTOCK FINTECH

Jun. 2025 – July. 2025

React.js | Flask | PostgreSQL | NSE/BSE APIs Remote

Remote

- Architected an IPO analysis platform serving real customers, processing 500+ records
- Developed a React.js frontend integrated with Flask backend and MongoDB(cluster) and postgresql database.

Full Stack Developer Intern | RYL NEUROACADEMY

Aug 2025 - Present

LLM | AI | Backend | Frontend | Student Support Systems

Remote

- Leading developer of Saathi.ai, an AI-powered platform designed to help students with academic support
- Working with large language models to create intelligent tutoring and assistance systems.

Projects

AI-Powered Report Generator | Suprathon 2025

- Built a full-stack application using React/Vite for the frontend and Node.js with PostgreSQL for the backend.
- Integrated Groq API with LLaMA models to analyze chatbot conversations and generate detailed performance reports.
- Project link: https://github.com/9059Rohith/Report_Generator

Disaster Management System | Quibitron 2024

- Developed a machine learning-powered emergency response system integrated with 1000+ verified helplines.
- Built secure REST APIs and dashboards for rescue coordination and real-time updates and deployed on render.
- Demo: <https://disaster-mangement.onrender.com/>

Real-time IPO Analysis Platform | BLUESTOCK FINTECH

- Built and deployed a production-ready platform handling 500+ financial records with sub-second response times.
- Integrated NSE/BSE APIs for live stock market data updates.

Technical Skills

Languages: English (Fluent), Telugu (Fluent), Hindi (Basic Proficiency)

Programming Languages: C, C++, Python, Java, JavaScript, TypeScript, Haskell, SQL (MySQL)

Web Development & Frameworks: React.js, Vite.js, Node.js, Express, Flask, FastAPI

Styling & UI Libraries: Tailwind CSS, Bootstrap, ShadCN, Figma

Routing & API Handling: Axios, RESTful APIs

Databases & Backend: MySQL, postgresql, MongoDB(Cluster)

Machine Learning & AI: TensorFlow, PyTorch, OpenCV, Scikit-learn, Transformers, RAG, DeepSeek

Embedded Systems: Raspberry Pi, ESP32, Arduino

Analytics & Tools: Microsoft Excel

Operating Systems: Linux (Ubuntu), Windows

Awards / Extracurricular

- • **3rd Place Winner** – FIN HACK101
Developed an AI-powered Fake News Detection System using BERT with 94% accuracy.
- • **State-level swimmer**, participated in the APCM Cup 2020 representing Andhra Pradesh.
- • **Finalist** – CodeVita, IIT Madras
Selected for the final round among nationwide participants in one of India's premier coding contests.
- • **Working Project** – RYL Neuroacademy
Exploring and developing a health-tech startup idea aimed at creating a real-time health and wellness tracking platform.
- • **Top 10% Performer** – Major Hackathons
Ranked in the top 10% in 3 national-level hackathons hosted by tier-1 tech companies.
- • **18+ Industry Job simulation Certifications** – Accenture, JPMorgan, Walmart, Intel, Deloitte, and more