

VIVEKANANDA REDDY GODALA

Master's Student & Software Developer

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EXPERIENCE

Freelance Software Development Engineer

SNT School

- 03/2024 - 10/2024 Hyderabad, India
- Developed a cross-platform mobile app using **React Native (TypeScript)** with role-based access control for parents, teachers, and admins.
- Built and maintained backend APIs using **Node.js (Express/NestJS)**, **TypeScript**, and **Prisma ORM** with **MySQL** databases.
- Participated in implementing secure authentication (Firebase Auth, Auth0) and real-time chat features with **Socket.IO**.
- Managed application state using **Redux** and deployed backend services on **AWS** and **Heroku**.
- Ensured code quality through modular architecture, testing, and security best practices.

Software and Data Intern

Sashi Infotech

- 05/2023 - 03/2024 SR Nagar, India
- Contributed to the development and maintenance of web applications, including frontend and backend components.
- Built scalable, automated data pipelines in **snowflake**.
- Managed and queried **relational and non-relational databases**.
- Utilized **Git and agile methodologies** for collaborative development.
- Demonstrated strong analytical skills and interest in **generative AI, machine learning, and data science**.

President, Technical Club

Malla Reddy University

- 03/2022 Kompally, India
- Organized **30 technical events**, including hackathons and coding contests, achieving **record 86% student participation**.
- Coordinated with faculty and sponsors, demonstrating **leadership and project management skills** in technical initiatives.

EDUCATION

MSc in Web and Data Science

University of Koblenz

- 10/2024 - Present Koblenz, Germany

BTech in Computer and Data Science

Malla Reddy University

- 10/2020 - 06/2024 Hyderabad, India

SKILLS

ReactJS	Next.js	JavaScript	TypeScript	Python
Tableau	Power BI	Tailwind CSS	Node.js	Git/GitHub
SQL & NoSQL	MongoDB	Prompt Engineering		
Web Sockets	Snowflake	BERT-NER	Express.js	

PROJECTS

Startup Directory

- 05/2025 - Present
- Developing a dynamic platform using **Next.js**, **TypeScript**, NextAuth.js, and Sanity CMS for secure authentication and content management.
- Engineering with **server-side rendering (SSR)** and **responsive design** to connect entrepreneurs with startups.

Admin Dashboard

- 02/2024 - 05/2024
- Led thesis development of an optimized administrative dashboard with **ReactJS**, GraphQL, Ant Design, and **TypeScript**.
- Implemented **secure authentication, real-time data synchronization**, and a **scalable architecture**.

Sales Analytics Tool

- 07/2023 - 12/2023
- Developed a business analytics tool using **SQL and Tableau** for **data visualization** and actionable insights from sales data.
- Created dashboards to analyze sales trends, customer behavior, and market performance.

Deep Learning based OCR

- 01/2023 - 06/2023
- Contributed to a **deep learning-based OCR web application**.
- Applied **AI and computer vision** models for accurate textual information extraction.

CERTIFICATIONS

AWS Cloud Foundations and Data Analytics

AWS

Machine Learning - Classification

University of Washington

Data Science, SQL, NoSQL, R and Python

IBM

LANGUAGES

English	C1 (Fluent)
German	A2 (Currently Learning B1)