



EMANY SRI REVANT

Enrollment No.: 201000042
B.Tech, Computer Science and Engineering
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EXPERIENCE

R&D intern	Samsung Prism	July 2023-present
<ul style="list-style-type: none">• File Search based on contents using NLP and IR• Used Latent Semantic Analysis to analyze relationships between a set of documents and the terms they contain• Implemented Tf-Idf NLP model to determine the most important words in each corpus		
React Native Developer	UCPro	May 2023-July 2023
<ul style="list-style-type: none">• Designed and developed a User Interface for UCProx real-estate mobile app.• Created augmented reality experience for architectural mockups using ViroReact library.• Implemented geofencing and real-time mapping with integrated AR		
Full Stack Developer	IEEE Bombay Section	Dec 2022-Feb 2023
<ul style="list-style-type: none">• Built and deployed two Full Stack modules- an API Testing module and a Broken Link Checker.• Created UI using Svelte and backend API using Express JS.		

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	IIIT Naya Raipur	8.09	2020-Present
Senior Secondary	DPS Bhilai	94.60%	2020
Secondary	DPS Bhilai	95.20%	2018

TECHNICAL PROJECTS

Ezpay | Voice payment app | *React Native, Python Flask*

- Perform transactions, check balance or view transaction history using voice commands securely with two-factor authentication.
- Supports **19 Indian regional languages** (5 tested), with voice instructions for illiterate and blind people.
- Created **Translator API** using gTTS, ASR, GoogleTrans, and PyDub.
- Created a POC for IBITF Fintech Startup, which included business model and MVP validation.

Tryo | Job portal | *Next JS, MongoDB, Tailwind CSS*

- Explore, post, manage, bookmark or apply for jobs, with a fully functional dashboard to trace your job updates.
- Support multiple concurrent users with load balancer using **NGINX**.
- **Redux Toolkit** was used for managing application state and **JWT** for storing sessions and user authentication.

Unwind | Music streaming app | *React JS, MongoDB, Express, Node JS*

- **Queue-building** app where users can create a room, invite friends, share a common queue, and listen together.
- Used **Socket.IO** (for **Real-time, bi-directional** communication) and Spotify API.

ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- Presented and published research paper titled "Survey of Stock Market Price Prediction Trends Using Machine Learning Techniques" at the **ATCON-1-ICAIA 2023** conference.
- Runner-up, **Industria Academia Meet '23** in Data Science and Machine Learning track
- Chess National Player, **State Rank 1** in under-11 and under-13, and Rank 4 in under-15 category
- Secretary General, Model United Nations IIIT NR: Organized 3 MUN conferences, which included AIPPM and DISEC committees with 3 agendas for the 100+ delegates
- Marketing Head, SCINTFIC'22 IIIT NR: Led promotions team, bringing 100+ participants from 28 schools across the country
- In-Charge, lead singer and guitarist of IIIT NR Music Society.

TECHNICAL SKILLS

- **Languages and Frameworks:** C, C++, Python, JavaScript, Next JS, React, React Native, Flask, Express, and Node JS
- **Key Coursework:** DBMS, Operating Systems, Computer Networks, OOPS, Data Structures and Algorithms