

AKANKSHA MISHRA

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Education

SRM Institute of Science and Technology

Bachelor of Science in Computer Science (9.13 CGPA)

Aug 2022 – May 2026

Chennai, Tamil Nadu

Relevant Coursework

- Data Structures
- Full-Stack(MERN)
- Machine Learning
- App Development
- AI
- JAVA
- Database Management

Experience

E-Yantra Lab

IoT Project

June 2024 – July 2024

E-Yantra Lab, Chennai

- Implemented a motion detector using the Raspberry Pi 3 B+ model, leading to a 25 percent improvement in system performance.
- Led a cross-functional team to develop a motion detection system, increasing user engagement by 20 percent within the first month.
- Developed the core logic for the system using Python, ensuring efficient integration with Raspberry Pi hardware.

Cuvette Tech

Software Development Intern

May 2024 – August 2024

Remote

- Completed a full-stack software development internship, working on front-end and back-end integration for seamless functionality.
- Collaborated with a team to design, develop, and deploy web applications, gaining skills in various technologies.
- Gained comprehensive expertise in full-stack development, enhancing my ability to navigate and contribute effectively within a professional tech environment.

Projects

Speech/Text Sentiment analysis | LSTM+CNN

August 2024

- * Speech sentiment analysis involves converting spoken language into meaningful sentiment labels (positive, negative, neutral, etc.) using features from both the audio and text.
- * Text sentiment analysis involves classifying text data into sentiments. LSTM and CNN are commonly used together to capture different levels of features in the text.

Secure Sign: Responsive Web Authentication with Email Verification | Javascript, MongoDB

July 2024

- * After registration, send a unique verification link to the user's email.
- * Include a token in the verification link that is stored in the database for confirmation. Upon clicking the link, mark the email as verified in the system and allow the user to log in.
- * NoSQL (MongoDB) database to store user data securely. Tables/collections to store user info, email verification tokens, and password reset tokens.

Job Listing Web Application | Javascript, Vite+React, Mongo DB

May 2024

- * Developed a full-stack web application for job listings, allowing users to create, view, and manage job postings with a responsive interface
- * Implemented back-end services using Node.js and Express, integrated MongoDB for data storage, and designed user authentication features.
- * Deployed the application on Vercel, ensuring accessibility and scalability.

Technical Skills

Languages: Java, C, HTML/CSS, Js, React Js, Node Js, SQL

Developer Tools: VS Code, BlueJ, Google Cloud Platform

Technologies/Frameworks: Tensorflow, GitHub, Vercel

Achievements

IIT BOMBAY

Hackathon

- * Participated in eLSI Hackathon, conducted by IIT BOMBAY.

Feb 2024

IIT Bombay