R S Kierthana

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EDUCATION

Chennai Institute of Technology, *B.Tech Information Technology*   Nov 2022 – present
CGPA:9.46

PROFESSIONAL EXPERIENCE

K Y Technologies, *Design and Development Intern*   Dec 2023 – Feb 2024 | Chennai
Conducted manual testing of web flows and developed a web form application in C# for SAP integration, leveraging PostgreSQL as the database.

Arwin Networks, *Backend Development Intern*   Jul 2023 – Sep 2023 | Chennai
Gained hands-on experience in backend development, building robust RESTful APIs using Express.js and integrating them with MySQL databases. Collaborated with a talented team to develop RESTful APIs.

PROJECTS

FAITH, *Next JS, Typescript, Fast API, Tailwind, Azure Services* ⊘
Collaborated on *FAITH*, an Azure AI-based web app to detect hallucinations in AI models, featuring multi-model support, confidence scores, analytics, and visualizations. Built using Azure App Service, OpenAI, Bing Search API, and Cosmos DB.

Harmful Content Detection, *Python, Streamlit, Lang detect, OpenCV, SpeechRecognition* ⊘
Contributed to the development of an interactive platform that detects harmful content from diverse input formats (text, audio, video, images, and URLs) across multiple languages including Tanglish, Tamil, and English

TrackRite, *React Native, Tailwind, JavaScript, Appwrite* ⊘
Developed an attendance management app with role-specific functionalities for students, teachers, and HODs, including attendance tracking, request approvals, and complaint management.

Avivin, *React Native, Tailwind, JavaScript, Appwrite* ⊘
Developed a video-sharing platform featuring video upload and playback, integrated functionalities like/unlike videos and profile management.

Do-Nation Station, *Next Js, React Js, Tailwind, JavaScript, Appwrite* ⊘
Contributed to developing a centralized social media platform for NGOs and organizations to connect, enhancing transparency and efficiency.

CODING PROFICIENCY

Leetcode
Solver 750+ problems, achieved a global ranking of 77828 and ranked in the top 12.5%

CodeChef
Div-2 coder with three stars and a contest rating of 1680+

ACHIEVEMENTS

• Second place in SheInnovates 2024 Hackathon

• Finalist for Hack4Change Charcha hackathon powered by the Nudge

• Finalist for Virtual Student Internship 2020 conducted by IBM

SKILLS

Python, C, C++, Java, HTML, JavaScript, TypeScript, CSS, MySQL, MongoDB, Postgres SQL, Node, React JS, Next JS, Vue JS, Express JS, React Native, Fast API, Pandas, Numpy, Matplotlib, Tailwind, Appwrite, Git/GitHub, Figma

CERTIFICATES

• NPTEL Introduction to Internet Of Things

• Introduction to MongoDB(For Students) ⊘

• Microsoft Applied Skills: Develop generative AI solutions with Azure OpenAI Service ⊘