

K Roopa Sree

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PROFESSIONAL SUMMARY

Highly Driven Frontend Engineer with hands-on experience building AI-powered interfaces and scalable web apps using JavaScript, TypeScript, and React. Skilled in API integration, performance optimization, and open-source collaboration, with a strong track record in innovative UI development and problem-solving for data-driven products. Passionate about leveraging AI tools, leading cross-functional teams, and delivering high-quality, user-focused solutions.

SKILLS

Technical Skills	JavaScript, Python, Flutter, Java, NodeJS, ReactJS, Angular, MySQL, MongoDB, TypeScript.
Concepts	OOP, DBMS, Operating Systems, Distributed Systems, Event Sourcing, Service Mesh, Chaos Engineering.
Soft Skills	Communication, Teamwork, Problem Solving, Analytical Skills, Adaptability.
Cloud Services:	AWS EC2, ServiceNow, Microsoft Azure, Amazon S3, GCP.
Languages	English, Hindi, Kannada, Telugu.

INTERNSHIP EXPERIENCE

EZ TS

Oct 2024 - Nov 2024

- Worked on the EZTS platform, successfully building and delivering a project. Gained hands-on experience with Python and enhanced understanding of Machine Learning. Demonstrated problem-solving skills and adaptability during the project development lifecycle.

Destination Technology

Oct 2023 - Nov 2023

- Participated in a project on the Destination platform, focusing on Data Structures and Algorithms (DSA) using C. Enhanced skills in C programming and deepened understanding of DSA concepts. Efficiently resolved project challenges with strong analytical skills.

PROJECTS

Neuro-Learn ([Link](#)) | Flutter, Spring Boot, My SQL, LangChain, Docker, REST API

Neuro-Learn enhances study efficiency with **AI-generated flashcards**, **custom MCQs**, **topic revision highlights**, and **smart recommendations** for personalized content, including **YouTube videos** and course suggestions, all while helping students stay organized with an integrated **to-do list**.

GitGenie ([Link](#)) | Flutter, RAG, Postgress, NodeJs, Typescript, Docker, EC2, REST API

Git-Genie enhances PR management with **AI-powered insights**, including **risk analysis**, smart code suggestions, **automated reviewer assignment**, intelligent **PR labeling**, and built-in **linting** and code checks, ensuring better **code quality** and **faster reviews** for improved team collaboration.

Real Time Collaboration Application ([Link](#)) | Flutter, NodeJS, Postgress, Socket IO, Redis, Kafka, Docker

Developed a **real-time collaboration** platform with **Kanban-style workflows** for task management, enabling seamless updates across **To-Do**, **Review**, **Backlog**, **Complete lists**, and implemented a secure, role-based communication system to ensure restricted access for enhanced **collaboration** and data privacy.

Global CERTIFICATIONS

- * Google Cloud Career Launchpad – Cloud Engineer Track (2025)
- * Certified System Administrator (CSA) - ServiceNow (2025) - [Credential ID](#)
- * Azure Data Fundamentals (DP 900) – Microsoft (2025) - [Credential ID](#)

ACHIVEMENTS

- Runner-Up – Hackathon (UI/UX) – March 2025
- Participated Startup Mahakumbh Yatra 2nd edition – April 2025

EDUCATION

Bachelor of Engineering in Computer Science Engineering-Data Science

2022-2026

Ballari Institute of Technology and Management

CGPA-9.10