

RESUME



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Department: Information Technology

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Objective:

Passionate software and AI enthusiast seeking hands-on experience in developing intelligent solutions. Strong foundation in machine learning, software development, and problem-solving, with a keen ability to adapt to emerging AI technologies. Eager to apply technical expertise in AI, deep learning, and software engineering through an internship in a dynamic and innovative organization.

Education:

Bachelor of Technology - IT | 2022 present

Kumaraguru College of Technology -CGPA - 8.35

HSE | 2020-2022

K.V.S Mat Hr Sec School – Percent-95%

SSLC | 2019

K.V.S Mat Hr Sec School –Percent-91%

Soft Skills:

- Communication Skills
- Problem solving
- Team collaboration
- Time Management

Technical Skills:

- Proficient in Python , C++ , java and JavaScript
- Frameworks & libraries: Django, React, TensorFlow, OpenCV
- Tools: GitHub, Docker
- Databases: MySQL ,MongoDB
- Development Methodologies: Agile Scrum



Project

Ecommerce Website:

- Developed a Ecommerce website using the frontend with React and the backend using Django
- Used a web scraper to extract product data from Amazon
- Used MongoDB for efficient data storage and retrieval

SportConnect App:

- Developed a mobile platform that connects users to create, join, and manage local sports games and events.
- Built using React Native with integrated location services and smooth navigation via React Navigation.
- Managed backend interactions through REST APIs and stored user data in MongoDB.

LoRA-Tuned LLaMA Chatbot for Device Recommendation

- Fine-tuned the LLaMA model using LoRA for efficient, low-resource adaptation to device troubleshooting scenarios.
- Trained on issue-solution pairs to enable accurate, real-time device suggestions based on user queries.

Agent-Based Ticket Booking System

- Built an AI-powered booking system using LangChain agent integrated with Django & MongoDB.
- Enabled natural language interaction for seat booking, cancellation, and status checks via REST APIs.
- Designed intelligent multi-tool agents to automate user queries with real-time database updates.

Certification:

- AWS Academy Cloud Foundations
- Software Engineering: Modeling Software Systems using UML
- Generative models for developers
- Deep Learning for Developers

Publication:

“Advancement of ML in Smart house” a chapter in Integrating Metaheuristics in Computer Vision for Real-World Optimization Problems

Personal Interest

- Exploring AI Trends
- Reading Articles
- Enthusiastic about sports and travel

Languages Known

- Tamil
- English