

SHILPA V

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SUMMARY

Seeking an entry-level position in a reputable organization where I can start my professional career, apply my academic knowledge and technical skills, explore new areas of work, and gain practical experience while contributing effectively to the organization's growth.

TECHNICAL SKILLS

- Programming Languages: **Java , Python , PyBaMM**
- Web Technologies: **Html, Css ,Javascript , Express.js, React.js, Node.js**
- Databases: **MySQL , PostgreSQL , MongoDB**

PROJECTS

EV.ENGINEER™ – Battery Digital Twin | iTelematics® Software Private Limited | 2025-26

- Architected & Developed an AI-driven Battery Digital Twin platform that creates digital identities (Battery Aadhaar) and simulates EV battery health, safety, and lifecycle behavior using physics-based and data-driven models.

Abhiyan – AI Powered Information Assistant | 2024

- Designed and developed a smart recommendation system that analyzes user-provided details to suggest the most relevant government schemes based on eligibility and preferences.
- Integrated **RAG** with **LLMs** to retrieve reliable data and generate accurate, context-aware, personalized responses.
- Built a full-stack application using the MERN stack (**MongoDB, Express.js, React.js, Node.js**) for scalability and seamless user experience.

Structurization of Unstructured Data | 2024

- Developed a system for structuring unstructured data by extracting meaningful information from text files.
- Utilized machine learning and **NLP** libraries to analyze textual data and enhance extraction accuracy.
- Built an interactive Streamlit-based frontend to upload files, visualize extracted triplets, and display refined text output.

EDUCATION

B.E - Computer Science And Engineering

Canara Engineering College

2021-2025

CGPA-8.47

PUC- PCMC

NSAM PU College ,Nantoor

2021

Percentage - 93.5%

SSLC

Vidya Rathna English Medium Sschool, Deralakatte.

2019

Percentage - 92%

ADDITIONAL INFORMATION

- **Languages:** English, Kannada ,Hindi
- **Certifications:**
 1. Successfully completed Java Full Stack Development training at JSpiders.
 2. Completed an internship at Calypso Innovation, gaining hands-on experience in MERN stack technologies.(2025)
 - 3.Certified in HTML,CSS and JavaScript for web developers by Coursera. (2023)