SUMITH D

SOFTWARE ENGINEER

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SUMMARY

I am enthusiastic about applying my skills and knowledge to contribute to a web development role. I possess a strong passion for exploring new technologies and continuously improving my skills. Additionally, I have a keen interest in personal projects and enjoy deploying them on local servers like Apache or creating Ngrok tunnels in my spare time.

TECHNICAL SKILLS

C/C++

JavaScript

Python

Linux OS

ExpressJS

ReactJS

WORK EXPERIENCE

Ruckus Engineer Intern, CommScope   **Jun 2024 - Present**

- Designed and deployed a K-Means clustering model to automate the prediction and analysis of log files, improving operational efficiency.
- Created a Retrieval-Augmented Generation (RAG) model integrated with a custom Ollama LLM to improve information retrieval and generation tasks.
- Compared and analyzed fine-tuning results against RAG, identifying dataset limitations for fine-tuning while delivering superior performance with RAG.

EDUCATION

BACHELOR OF TECHNOLOGY IN CSIT   **2022 - Present**

Reva University   **CGPA - 8.67**

II Pre-University Course (PUC)   **2020 - 2021**

St. John's Pre-University Science College

CERTIFICATIONS

- Nodejs, Expressjs & MongoDB: The Complete Bootcamp. (Udemy Course)
- Full-Stack Development using Python and Mongo DB. (University Course)
- Ollama AI agents and Chatbots. (Udemy Course)
- From Traditional ML to LLMs. (Udemy Course)

ADDITIONAL INFORMATION

- **Languages:** Hindi, English, Kannada.