# Work

Mekala Sharan Chiranjeevulu

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# Experience

**NIT Warangal(NITW) - INTERN** Jun 2023 - Aug 2023

I integrated blockchain in agriculture with Hyperledger Fabric and Golang for better data management. I designed a 12 IoT sensor system for real-time data collection and secure blockchain storage. I also built farmer and expert portals using HTML/CSS, JavaScript, and Node.js, enhancing interaction and agricultural efficiency through data-driven insights.

**CodeSwaps** Mar 2023 - Aug 2023

* I led the development of a professional website using HTML and CSS for a visually appealing, user- friendly interface.
* I crafted an engaging design, leveraging advanced principles and innovative coding techniques. During a 6-month internship, I implemented various features and functionalities, ensuring seamless navigation and optimal performance across platforms.

# Projects

**Million Parameter LLM** [Link to Repo](https://github.com/cherrymekala/Million-parameter-LLM)

I crafted a 2-million-parameter language model inspired by Llama 1, ensuring efficiency and performance without high-end GPUs. I optimized the model architecture by incorporating RMSNorm, SwiGLU acti- vations, and Rotary Embeddings.

**Weather Wizard** [Link to Demo](https://github.com/cherrymekala/mini-project-react)

I developed an interactive weather website using React, integrating a weather API to display real-time data on responsive cards. I implemented state management and efficient API handling in React for fast, accurate updates, providing users with a smooth, informative experience.

# Education

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| 2021 - present | Bachelor’s Degree at **SRMAP** | (GPA: 9.13/10.0) |
| 2021 | Class 12th AP State Board | (94.5%) |
| 2019 | Class 10th AP State Board | (GPA: 10.0/10.0) |

Certificates and Achievements

* + Google Cybersecurity Professional Certificate [Coursera]
  + Microsoft Applied Credentials [Microsoft]
  + Microsoft AI Odyssey 2024 champion, winner of a VIP pass for an AI tour to meet Mr. Satya Nadella (CEO)

# Skills

Coding Skills Python,C/C++,Java,golang,Kotlin,HTML/CSS,Javascript,MERN,Django Additional Skills Azure,AWS,Hyperledger Fabric,Arduino Board,Raspberry PI,NodeMCU ESP8266

Last updated: June 15, 2024