# Sriram Malarvizhi Kumaran

*838-386-1640 | [mksriram@umich.edu](mailto:mksriram@umich.edu) | [www.mksriram.com](http://www.mksriram.com) | github.com/mk-sriram*

## EDUCATION

**University of Michigan, Ann Arbor** — **December 2025**
*Bachelors of Science in Engineering, Computer Science, 3.42/4.00* — *Ann Arbor, Michigan*

- Relevant Coursework: Data Structures and Algorithms, Discrete Math, Multi-Variable Calculus, Linear Algebra, Data Science for Engineers.

## EXPERIENCE

**Project Manager** — **January 2024 - Present**
*Michigan Build and Launch* — *Ann Arbor, Michigan*

- Directed and supervised a team of 6 through the development lifecycle of Canvas+, a dashboard-based assignment management tool built using React.js, Tailwind CSS, Supabase, JavaScript, and the Canvas API.
- Guided a dedicated team of 5 individuals in the production of a VScodeExtension, which featured inline ChatGPT support using VScode's Extension API, JavaScript, and OpenAI's GPTturbo.
- Facilitated weekly meetings and fostered seamless communication with 10 club executives, ensuring project objectives were aligned with organizational goals and priorities.

**Software Developer** — **January 2024 - Present**
*V1 Michigan* — *Ann Arbor, Michigan*

- Collaborated with a team of 3 to develop Parley, a student task management system using React Native, Stripe integration, and a Supabase backend, contributing to enhanced user engagement.
- Secured funding by presenting Parley's potential for growth and scalability, facilitated discussions with the team to refine project goals and ensured alignment with consumer demands.

**Cybersecurity Intern** — **Sept. 2021 - Oct. 2021**
*Entelyst Enterprises* — *Doha, Qatar*

- Shadowed cybersecurity experts, gaining insights into network threats, antivirus systems, network segmentation, intrusion prevention, and phishing countermeasures. Leveraged acquired knowledge to assist the firm in enhancing its cybersecurity infrastructure and strategies.
- Played a pivotal role in product distribution and customer service during the internship tenure, contributing to improved customer satisfaction and retention rates.

## TECHNICAL PROJECTS

**SnipeBot** | *Python, Discord API, SQL, AWS Cloud* — **January 2024**

- Engineered a Python-based Discord bot using Discord's Bot API to track photo snipes within Discord servers, enhancing community engagement.
- Deployed the bot on an AWS EC2 instance and integrated a SQL database using SQLite for the storage and retrieval of snipe data, optimizing performance and reducing operational costs by 10% compared to the previous hosting solution on fly.io.

**Mindscape** | *HTML, CSS, JavaScript, Flask, Google Cloud, GPT4-Turbo* — **November 2023**

- Constructed an AI counselor, Mindscape, leveraging real-time emotion analysis with a fine-tuned OpenAI's GPT4-Turbo. Utilized Bootstrap and JavaScript for the front end, and Flask for the back end.
- Integrated Google Cloud Vision API for sentiment analysis, and Google Cloud Speech to Text API for speech input, enabling dynamic prompts based on the direction of the user's emotions.

**YoutubeNotion** | *HTML, CSS, JavaScript, Youtube API, Notion API* — **July 2023**

- Designed a Google Extension for seamless YouTube link bookmarking in Notion databases, integrating Notion API's OAuth access token and database ID for efficient data insertion.
- Utilized YouTube API for quick video URL retrieval and designed an intuitive Google Extension popup using Bootstrap Framework, enhancing user experience.

## SKILLS

React, Node.js, Tailwind CSS, Bootstrap, C/C++, Python, JavaScript, HTML, MATLAB, LaTeX, MySQL, Git/GitHub, Unix Shell, VS Code, Google Cloud, AWS Cloud, Supabase, MongoDB, Pandas, NumPy, Matplotlib