

# Sriram M.K.

No visa sponsorship needed until 2029

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## EDUCATION

### University of Michigan, Ann Arbor

Aug. 2022 - Dec. 2025

*B.S.E. in Computer Science, Minor in Electrical Engineering*

*Ann Arbor, Michigan*

- **GPA:** 3.45/4.00 | **Awards:** Dean's List
- **Coursework:** Data Structures and Algorithms, Object Oriented Programming, Computer Organization, Discrete Math, Multi-Variable Calculus, Linear Algebra, Data Science for Engineers.

## EXPERIENCE

### Software Engineering Intern

May 2024 - Aug. 2024

*Rushmore Technologies*

*Chennai, India*

- Developed and implemented components using the **.NET** ecosystem for two high-profile client projects, utilizing **CSS, HTML, and JavaScript** to enhance user interfaces and improve responsiveness.
- Reorganized **MySQL** queries and deployed lazy loading techniques, optimizing application performance by 30%.
- Increased code maintainability by refactoring the codebase, integrating nested classes, and global CSS variables.
- Successfully resolved 20 **JIRA** tickets and addressed over 40 reported issues, ensuring alignment with **Agile/Scrum** methodologies and client requirements.

### Software Engineering Intern

Jan. 2024 - May 2024

*V1 Michigan*

*Ann Arbor, Michigan*

- Developed Parley, a student task management app that gamifies social productivity. Engineered an API with **Express.js / Node.js** adhering to RESTful standards, integrated **Supabase OAuth** for secure authentication, and managed data with **MongoDB**.
- Collaborated with an **Agile** team to conduct code reviews, implement best practices, and utilize Git and GitHub for version control, ensuring timely delivery and high-quality outcomes.

### Product Management Intern

Jan. 2024 - April 2024

*Build and Launch*

*Ann Arbor, Michigan*

- Managed a team of 6 students in an **Agile** environment to develop a Canvas dashboard application for tracking assignments, utilizing the **Canvas API** to integrate real-time data.
- Facilitated weekly meetings with **10 executives** and coordinated task assignments, using **Notion Databases** to track progress, foster collaboration, and efficiently resolve issues to meet project deadlines.

## PROJECTS

### Parsyll | *React.js, Node.js, Supabase, MongoDB, Gemini API*

April 2024

- Developed a web application to automate scheduling from PDFs to Google Calendar, integrating real-time file analysis using the **Google Gemini API**.
- Deployed the application on AWS using a Serverless framework, utilizing React.js, SCSS, and Node.js for development, Supabase for authentication and MongoDB scalable data management.

### SnipeBot - Discord Bot | *Python, Flask, Discord API, MySQL, AWS*

Feb. 2024

- Engineered a Discord bot with **Flask** and **Discord API** to enhance community engagement; migrated to **AWS EC2**, reducing operational costs by 10% and improving performance by 15%.
- Implemented **MySQL** for efficient data management, boosting query performance through optimized indexing strategies and schema design.

### Mindscape | *HTML, CSS, Flask, Google Cloud, GPT4-Turbo*

November 2023

- Constructed an AI counselor using **GPT4-Turbo**, integrating Google Vision API for sentiment analysis and **Google Speech to Text API** for dynamic prompts based on user emotions.

## TECHNICAL SKILLS

**Languages:** Javascript, Typescript, Python, C/C++, HTML, CSS, Kotlin, ARM, Assembly

**Frameworks:** React, Node.js, Flask, Tailwind CSS, PyTorch, Swift

**Technologies:** Git, Kubernetes, Google Cloud, AWS, Supabase, Firebase, MongoDB, PostgreSQL, Postman, Unix Shell

**Personal Interests:** Investing, Photography, Videography, Guitar