

Sricharan Ramesh

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EDUCATION

University of Massachusetts, Amherst

September 2025-Present

Master of Science in Computer Science

Vellore Institute of Technology (VIT)

July 2019-June 2023

Bachelor of Technology in Computer Science and Engineering (CGPA: 9.02/10.0)

EXPERIENCE

Pocketpills

July 2024 - May 2025

Software Engineer 2

- Developed an end-to-end configurable multistep questionnaire flow with complex navigation used by 2000+ users everyday.
- Enabled cross-device flow continuity - supporting tasks such as image uploads or payment confirmations across mobile and desktop.
- Led the migration of authentication and authorization from Firebase to Descope flows. Eliminated data duplication caused due to poor session management.
- Created a micro-frontend for the landing pages to build 4000+ pages on build time with smaller JS bundles.
- Integrated a mono-repo of two Next.js applications using Nx to create a shared workspace for faster build times and better developer experience.

Pocketpills

January 2023 - June 2024

Associate Frontend Engineer

- Improved the Core Web Vitals of the web application to increase SEO by 75%.
- Developed and published the official Pocketpills app that uses WebView, dynamic links, and push notifications to increase member acquisition by 25% and member retention by 30%.
- Enabled a caching mechanism for the web application to decrease the load time by 60%.
- Resolved security vulnerabilities of Pocketpills web and mobile applications.

Alippo

February 2022 - May 2022

Frontend Development Intern

- Improved the turn around time of tasks performed by the operations team by automating processes in the internal console used to handle more than 100,000 users.
- Incrementally moved manual processes of courses and schedule management to the portal for faster release of products on the app.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Dart, C++, Python
- **Development:** Next.js, Angular, Flutter, React.js, Redux, Vue, MaterialUI, TailwindCSS, Node.js
- **Cloud Technologies:** AWS, Docker, Kubernetes, Serverless, Vercel, Supabase, Redis
- **Tools:** Mixpanel, Sentry, Git

PROJECTS

Mercury Mailer

March 2021 - June 2021

React.js, Django, AWS

- A web app to send emails via drag-and-drop builder, enabling bulk emails with the use of Amazon SNS.
- 30,000+ emails sent for workshops and webinars.

DevJams'21

August 2021 - November 2021

React.js, Redux, Tailwind, Golang, AWS, Firebase

- Developed a marketing website and a dashboard portal to organize the hackathon.
- DevJams has served more than 900 participants over the course of five events.

VOLUNTARY EXPERIENCE

Google Developer Student Club (GDSC)

Sept 2021 - May 2023

Core member - Web Development