# RAHUL MARBAN

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## EXPERIENCE

**Software Engineer Intern**                                                  Dec 2025 - Present
AskMeIdentity                                                        *Bengaluru, Karnataka, India*

**Research Intern**                                                          Mar 2025 - Present
Samsung R&D Institute India - Bangalore                                *Chennai, Tamil Nadu, India*

- Working as a Technical researcher with team of 4 for Developing AI solutions, focusing on innovative approaches and optimizing solutions - Collaborating on industry-level as Research Intern in the Samsung PRISM program

**Software Engineer Intern**                                                 Oct 2025 - Dec 2025
EmendoAI                                                              *San Francisco Bay Area*

- Collaborated with design and backend teams to deliver updates faster and maintain production quality during UI and logic changes. - Authored comprehensive technical documentation for testing workflows and architecture components, improving onboarding speed for new contributors by 30%. - Fixed 50+ bugs, including navigation regressions and data overflow issues, directly improving platform stability and preventing user-facing crashes.

**Frontend Developer Intern**                                                Jan 2025 - Jul 2025
SRM Innovation and Incubation Centre                                   *Chennai, Tamil Nadu, India*

- Rebuilt 60+ pages from scratch to create a faster, more modern, user-friendly and responsive website with smooth animations for 3+ sites. - Achieved 25% increase in user engagement and a 10% reduction in bounce rate through optimizations in performance, accessibility, and SEO. - Coordinated and maintained version control workflows, ensuring smooth collaboration and code integration across updates.

## PROJECTS

**ClassPro** | **Typescript, React, Go, NextJS, Supabase**

- Serving over **15,000+ monthly active users** with **1.1M+ page views per month**, ensuring scalability and stability for the students.
- Incorporated a Golang fiber server to scrape data which resulted in 40% faster data scraping and fetches reducing the wait time
- Optimized platform performance to handle peak traffic, ensuring 99.9% uptime and seamless access during critical academic periods.

**simply-djs** | **Typescript, DiscordJS, NPM, MongoDB, NodeJS**

- Developed for streamlining complex bot functionalities with minimal code, leading to 520K+ annual downloads and allowing developers to develop discord bots without having to write complex logic
- Maintained for more than 2 years with regular performance optimizations, security enhancements, and continuous feature updates compatible with the latest Discord.JS version.
- Reached more than **75 stars**, **30+ forks**, and **350+ commits** on GitHub, with more than 5 active contributors to the project.

**manic** | **Typescript, React, ElysiaJS, Bun Bundler**

- A lightning-fast React framework powered by Bun, delivering **15x faster builds** compared to traditional React-based frameworks
- Implemented production-ready optimizations including **parallel transpilation**, image transforms that maintains **sub-100ms build times** even with complex React applications
- Built zero-config TypeScript framework with ElysiaJS backend and React frontend, featuring automatic API route generation, **sub-second hot reloads** (under 20ms) with native Bun transpiler

## EDUCATION

SRM Institute of Science and Technology                                        Expected 2027
**BTech** Computer Science Engineering with AIML                               *CGPA: 9.39*

## SKILLS

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|---|---|
| **Languages** | Javascript, Typescript, Python, Go |
| **Frameworks** | Next.js, ReactJS, Astro, Solid, FastAPI, Pytorch, Express, Hono, Elysia, Fiber, React Native, Tauri, Framer Motion, TailwindCSS |
| **Others** | Figma, Supabase, PostgreSQL, Vercel, Render, Deno, Bun, Git |