

RAHUL MARBAN

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EXPERIENCE

Software Engineer Intern EmendoAI	Oct 2025 - Present <i>San Francisco Bay Area</i>
- 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 10+ bugs, including navigation regressions and data overflow issues, directly improving platform stability and preventing user-facing crashes.	
Research Intern Samsung R&D Institute India - Bangalore	Mar 2025 - Present <i>Chennai, Tamil Nadu, India</i>
- 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	
Frontend Developer Intern SRM Innovation and Incubation Centre	Jan 2025 - Jul 2025 <i>Chennai, Tamil Nadu, India</i>
- 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.	
Full Stack Software Development Intern Neugence Technology Pvt Ltd	Aug 2024 - Feb 2025 <i>Remote</i>
- Evolved and launched 2 fully functional websites as a frontend developer, ensuring seamless user experiences and adherence to project deadlines. - Migrated the entire codebase to Vite, reducing development cycle times by 25%, resulting in faster feature delivery and team productivity - Tailored and implemented responsive web designs, increasing user engagement by 38% through refined accessibility and cross-device compatibility.	

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
BTech Computer Science Engineering with AIML

Expected 2027
CGPA: 9.39

SKILLS

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