# RAHUL MARBAN

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#### **EXPERIENCE**

Research Intern

Mar 2025 - Present

Samsung R&D Institute India - Bangalore

Chennai, Tamil Nadu, India

- Working as a Technical researcher 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

SIIC Chennai

Jan 2025 - Present 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.

# Chief Design Officer

Turn2Law

Nov 2024 - Present Chennai, Tamil Nadu, India

- Led the creative direction for a team of 5+ designers and developers, ensuring alignment with brand vision and user needs.
- Transformed the platform's UI/UX by designing intuitive navigation features, leading to a 20% surge in user engagement and enhanced customer satisfaction metrics based on direct feedback from usability testing sessions.

### Full Stack Software Development Intern

Aug 2024 - Feb 202

Neugence Technology Pvt Ltd

Remote

- 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

### **PROJECTS**

### 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.

### 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.

### gitMyStat | Typescript, React, NextJS, Satori

- Accelerated SVG generation by 20% using Satori in NextJS, achieving render times **under 500 milliseconds** and outpacing competitors.
- Built solutions that enables users to assemble and fine-tune GitHub profile designs and statistics, boosting user engagement by 20%.
- Optimized backend architecture to handle 500+ concurrent requests, ensuring zero downtime during peak usage

### **EDUCATION**

**B.Tech** Computer Science Engineering with AIML SRM Institute of Science and Technology

Expected 2027 CGPA: 9.36

# **SKILLS**

Languages Javascript, Typescript, Python, C, Java, Go

Frameworks Next.js, ReactJS, Astro, Solid, Fresh, FastAPI, Pytorch, Express, Hono, Elysia, Fiber, React

Native, Tauri, Framer Motion, TailwindCSS

Others Figma, Cloudflare D1, Supabase, PostgreSQL, Vercel, Render, Deno, Bun, Git