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 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

Chief Design Officer   Nov 2024 - Present
Turn2Law   *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. - Actively contributing to the development of a newly incubated startup, helping shape its initial product offerings and its branding.

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.

Full Stack Software Development Intern   Aug 2024 - Feb 2025
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 - 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. — Typescript, React, Go, NextJS, Supabase

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. — Typescript, DiscordJS, NPM, MongoDB, NodeJS

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 (20ms) hot reloads, image optimizations with native Bun transpiler — Typescript, React, ElysiaJS, Bun Bundler

EDUCATION

SRM Institute of Science and Technology   Expected 2027
BTech Computer Science Engineering with AIML   *CGPA: 9.40*

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