Rohan Samuel

Chennai, India
+91 9042412358 — rohansamuelx07@gmail.com
 linkedin.com/in/rohan962004 — github.com/rohansamuel07 — View Portfolio

Summary

Final-year Computer Science student with a strong foundation in C programming, data structures, and algorithms. Experienced in developing full-stack web applications using the MERN stack. Focused on writing clear, efficient code and building reliable systems. Eager to contribute to high-impact projects, learn from experienced engineers, and grow through real-world software development challenges.

Skills

Core Languages: C, Java, JavaScript

Web Tech & Frameworks: HTML5, CSS3, Tailwind CSS, React.js, Node.js, Express.js, Vite

Databases: MySQL, MongoDB

Cloud/Hosting: Firebase, Render

Version Control: Git, GitHub, GitLab

Dev Tools: VS Code, Postman, Insomnia

Soft Skills: Problem-Solving, Teamwork, Time Management, Agile, Adaptability

Languages: English, Tamil

Education

Sathyabama Institute of Science and Technology — **Chennai**
B.E. in Computer Science and Engineering — CGPA : 8.4/10 — *Expected Graduation: Sep 2026*

Narayana Olympiad — **Chennai**
Higher Secondary (HSLC) — Percentage: 82% — *June 2021 – May 2022*

Union Christian Public School — **Chennai**
Secondary School (SSLC) — Percentage: 92% — *June 2019 – March 2020*

Experience

Matchkin — **Remote**
SDE Frontend Intern — *June 2025 (2 weeks)*
- Built a responsive admin dashboard displaying user metrics with interactive charts and visualizations.
- Designed and developed a chat interface for the application, focusing on usability and clean UI.
- Completed all tasks independently within a two-week sprint, meeting design and performance expectations.

HCL Technologies — **Chennai**
Project Intern — *July 2024 – Oct 2024*
- Developed a Personal Blog project utilizing Firebase for backend services and Tailwind CSS for a responsive UI.
- Collaborated with mentors to identify and resolve bugs, improving system functionality.
- Gained experience in building scalable and reliable solutions through hands-on problem-solving.

Eduversity — **Chennai**
Full Stack Web Development Training Intern — *June 2024 – July 2024*
- Developed a solid foundation in the MERN stack (MongoDB, Express.js, React, Node.js).
- Gained hands-on experience in building basic web applications with React and Node.js.
- Worked with APIs and state management while exploring React's component-based architecture.

Projects

Personal Blog Web App – *link* — GitHub
- Developed a full-stack blog platform using the MERN stack with Firebase authentication and role-based admin access.
- Enabled users to create, read, update, and delete posts and comments in a responsive UI styled with Tailwind CSS.
- Deployed on Render with live theme toggling and a custom admin dashboard; admin credentials: sampleuser@gmail.com / sampleuser123.

Online Collaborative Code Compiler – *link* — GitHub
- Built a collaborative code editor using React, WebSockets, and Monaco Editor for real-time multi-user coding.
- Added in-app chat, collaborative whiteboarding with tldraw, and AI suggestions to enhance teamwork and interactivity.
- Supports 10+ programming languages with Piston API, private room creation, and secure deployment on Render.

NeuroNudge: Real-Time Digital Wellness – Ongoing
- Developing a browser-wide behavioral analytics platform to monitor keystroke dynamics and facial emotions using ML models.
- Creating a real-time dashboard displaying user activity, session analytics, and interactive visualizations for monitoring focus and productivity.
- Integrating rule-based and ML-based models to provide actionable nudges and insights across all web applications.

Certifications

- Programming, Data Base Management System (NPTEL) [**view**]
- Machine Learning – Dimensionality Reduction (IBM) [**view**]
- Certificate of Completion – 500 Difficulty Level Practice Problems (CodeChef) [**view**]
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate (Oracle) [**view**]