

Rohan Samuel

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in linkedin.com/in/rohan962004 — github.com/rohansamuel07 — Portfolio

Summary

Final-year Computer Science student with a foundation in programming, data structures, and algorithms. Completed internships and projects focused on problem-solving, coding, and building functional software tools. Motivated to apply technical skills to real-world challenges and contribute to meaningful projects. Eager to gain practical software development experience, learn from industry exposure, and deliver reliable solutions.

Skills

Programming: C, Java
Web Technologies (basic): HTML, CSS, React.js
Databases: MySQL, MongoDB
Cloud & Hosting: Firebase (Authentication), Render

Development Tools: VS Code, Insomnia, GitHub
Soft Skills: Problem-Solving, Teamwork, Time Management, Adaptability
Languages: English, Tamil

Education

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

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

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

Experience

Matchkin
SDE Frontend Intern
Remote
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
Project Intern
Chennai
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
Full Stack Web Development Training Intern
Chennai
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]