JEFFREY SOLOMON M

jeffreysolomon.official@gmail.com   +91 9384977055

linkedin.com/in/jeffreysolomon123   github.com/jeffreysolomon123

EXECUTIVE SUMMARY

Innovative Computer Science student at SRM with hands-on experience in **full-stack** development, **SaaS platforms**, and **AI applications**. Proven track record in hackathons, including securing 3rd place at Hackinfinity 2025 (SSN) under the Software theme with a ₹10,000 prize. Skilled in building scalable web and mobile applications using React, Next.js, Node.js, and Supabase, while also exploring AI, LangChain, and blockchain. Passionate about AI and SaaS, with aspirations to build and **lead innovative startups** that solve real-world problems.

EDUCATION

SRM Institute of Science and Technology   *Expected 2028*
B.Tech Computer Science and Engineering   *CGPA: 9.05*

EXPERIENCE

Technical Team Member   *Nov 2024 - May 2025*
Computer Society of India , SRM Institute of Science and Technology   *Chennai, Tamil Nadu, India*

- Played a key role in **organizing** 'Hack the Cosmos', a national-level 24-hour hackathon with 400+ participants.
- Supported event logistics, **technical coordination**, and real-time participant communication.
- Contributed to the CSI SRM KTR Portal by assisting in frontend components, bug testing, and planning features.

SKILLS

Languages	Javascript, Typescript, Python, C, Java
Frameworks	ReactJS, Node JS, Next JS, Express, React Native, Fast API, TailwindCSS
Others	PostgreSQL, Figma, Supabase, Vercel, Render, Cloudinary, Clerk, Git, Pandas, Seaborn, HuggingFace, Kaggle

ACHIEVEMENTS

Secured Runner Up II (3rd place) at Hackinfinity 2025 Hackathon (SSN College of Engineering) under the Software category, **awarded a ₹10,000 cash prize** among 40+ teams.

PROJECTS

SafarX | React Native, Supabase, Expo, AI Models

- Developed a tourist safety mobile app with geofencing, SOS alerts, and AI-driven anomaly detection.
- Designed Prolonged Inactivity Anomaly Detection and Drop-off Anomaly Models using Isolation Forest to identify unusual tourist behavior patterns.
- Built an authority dashboard to monitor alerts, manage geofences, and respond to emergencies in real time.

Socket-Talk | Javascript, React, Express, Socket.IO, MongoDB, JWT

- Real-time chat web app with secure JWT authentication, persistent chat history, and live messaging between users.
- Integrated MongoDB for storing conversations and user data, and built a scalable Express + Socket.IO backend for fast, bi-directional messaging.
- Emphasized UI/UX responsiveness and stable deployment via Vercel.

Retrieval-Augmented Generation App | Python, LangChain, ChromaDB, HuggingFace, OpenRouter LLM

- Built a lightweight RAG system to answer questions from markdown files using vector search and OpenRouter-hosted LLMs.
- Used LangChain for document loading/splitting and ChromaDB + HuggingFaceEmbeddings for semantic search.
- Successfully queried custom data (e.g., Alice in Wonderland) with accurate responses from models like qwen/qwen3-0.6b.

Neighbourly | Javascript, React Native, Express, PostgreSQL, JWT Auth

- Mobile app to connect with your neighborhood - users can post updates, seek help, or stay informed locally.
- Developed JWT-secured auth flow, PostgreSQL-backed data storage, and community-oriented UI components.
- Designed with simplicity and speed in mind, targeting meaningful local interactions through tech.

Crewmate | Javascript, React, Express, Node.js, Supabase

- Platform to find tech collaborators: users can create profiles, showcase skills, browse or post projects, and connect with other developers.
- Designed a clean user onboarding experience with secure auth and real-time updates.
- Developed REST APIs to manage users, projects, and matches with seamless frontend integration.

I hereby declare that the above particulars are true and correct according to my knowledge.

DECLARATION

Place: Perungudi, Chennai   Jeffrey Solomon M