

# Sampreeth S M

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## Professional Summary

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Final-year **B.Tech CSE** student focused on building scalable **full-stack web applications**. Experienced with **React, Node.js, and TypeScript**, seeking opportunities as a **Full Stack Developer**.

## Education

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- **Dayananda Sagar University** – B.Tech in Computer Science and Engineering Aug 2022 – Present  
CGPA: 7.33/10  
Coursework in **DSA, OOP, DBMS, Operating Systems, Computer Networks, Machine Learning, and Data Science**; actively participated in coding challenges, tech seminars, and project showcases.

## Experience

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- **Software Development Intern**, Nife Labs Sept 2025 – Jan 2026  
Developed frontend features for an AI-powered browser IDE and code sandbox using **React** and **Flask APIs**.
- **Angular Full Stack Intern**, Infosys Springboard Dec 2024 – Feb 2025  
Developed admin panel modules for the “SkillHive” platform including **RBAC** and **JWT authentication** using Angular.

## Projects

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- **Aegis Password Manager** 2025  
[github.com/sam-sampreeth/aegis-password-manager](https://github.com/sam-sampreeth/aegis-password-manager) | [aegis.sampreeth.in](https://aegis.sampreeth.in)  
Zero-knowledge password manager with **AES-256-GCM encryption**, Web Crypto API cryptography, TOTP authenticator, and encrypted cloud sync using **React, TypeScript, and Supabase**.
- **Nudge - Minimalist Expense Tracker** Feb 2026  
[github.com/sam-sampreeth/nudge-expense-tracker](https://github.com/sam-sampreeth/nudge-expense-tracker) | [nudge.sampreeth.in](https://nudge.sampreeth.in)  
Privacy-focused expense tracker built with **Next.js 15** supporting subscription tracking, group lending management, encrypted vault mode, and statement parsing.
- **Utils. - Developer Toolbox** Jan 2026  
[github.com/sam-sampreeth/portfolio-utils](https://github.com/sam-sampreeth/portfolio-utils) | [utils.sampreeth.in](https://utils.sampreeth.in)  
Privacy-first web app offering **50+ developer utilities** including PDF tools, formatters, generators, and device tests built with **React, TypeScript, Vite, and Tailwind**.
- **AI-Powered Tuberculosis Detection** 2025 – Present  
Developed a TB screening system with a web interface and a custom **EfficientNet-V2 + CBAM CNN** for chest X-ray classification.

## Skills

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**Languages:** JavaScript, TypeScript, Python, C, Java

**Frontend:** React, Angular, HTML, CSS, Tailwind CSS, Bootstrap, Framer Motion

**Backend & APIs:** Node.js, Express.js, REST APIs, Supabase, Firebase

**Databases:** MySQL, SQLite, MongoDB, PostgreSQL

**Tools & Platforms:** Git, GitHub, Vite, Vercel, Microsoft Power BI

**Fundamentals:** Data Structures & Algorithms, DBMS, OOP, Computer Networks

**Soft Skills:** Teamwork, Leadership, Problem Solving, Adaptability, Time Management

## Certifications

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- Introduction to Git and GitHub – [Coursera](#) | [Google](#)
- Python Mega Course – [Udemy](#) | [Ardit Sulce](#)
- Introduction to JavaScript – [Coursera](#) | [Meta Staff](#)
- Data Structures and Algorithms – [Udemy](#) | [Abdul Bari](#)
- Power BI Certification – [Infosys Springboard](#)