

Samarth P V

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Professional Summary

A passionate Computer Science student driven by the challenge of building intuitive software solutions. With skills in C++, Python, Java, and full-stack development, I am looking to apply my dedication to clean code and problem solving in a software engineering internship where I can contribute to impactful, real-world projects.

Education

Dayananda Sagar Academy of Technology and Management, Bengaluru

2023 – 2027

Bachelor of Engineering (B.E.) in Computer Science and Engineering

- CGPA: 9.07/10

- **Relevant Coursework:** Data Structures & Algorithms, Database Management Systems, Operating Systems, Object-Oriented Programming in C++, Project Management with Git and GitHub, Machine Learning

Projects

Sahayak – Senior Citizen Assistance App

 github.com/sampv69git/Sahayak

- A native Android application designed to support seniors with emergency tools, financial tracking, cognitive games, voice assistance, and accessibility-focused features.
- Includes SOS alerts, pension tracker, emergency contacts, Talkie voice assistant, Fun zone games, and wisdom stories with high-contrast, large-text UI.
- Built using a modern fragment-based architecture optimized for performance and ease of use.
- **Tech Stack:** Kotlin, Java, XML Layouts, Android Studio, Fragment Architecture

CulinaryCanvas – Recipe Blog Website

 github.com/sampv69git/CulinaryCanvas

- Built a full-featured recipe blog website using Django, enabling users to create, share, and discover new recipes.
- Implemented complete CRUD functionality and a user authentication system for authors to manage their content.
- **Tech Stack:** Python, Django, MongoDB, HTML, CSS, Node.js, React.js

KisanMitra – Farmer Support Platform

 github.com/sampv69git/Kisanmitra

- Built a full-stack platform to provide farmers with financial guidance, crop insights, and community support.
- Developed a secure RESTful API using Node.js and React.js to handle sensitive agricultural and financial data.
- **Tech Stack:** TypeScript, Node.js, React.js, MongoDB

Technical Skills

- **Programming Languages:** C, C++, Python, Java, TypeScript, Kotlin
- **Web/Frameworks:** Django, React.js, Node.js, HTML, CSS
- **Databases:** MongoDB, MySQL, Firebase (Firestore)
- **Tools/Technologies:** Git, GitHub, VS Code, Linux, Android Studio

Additional Information

- **Certifications:** The Complete Full-Stack Web Development Bootcamp, Mastering Data Structures & Algorithms (C/C++), Striver's A2Z DSA Course
- **Languages:** English (Professional), Kannada (Native), Hindi (Basic), Telugu (Basic)
- **Positions of Responsibility:** Active Member, Computer Society of India (CSI) — Collaborated with team members to organize and host technical workshops and coding events for the student community.