

# Murugappan P

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## SUMMARY

Aspiring developer with hands-on experience in Java, Python and Full Stack Development, recognized for building scalable applications and leading impactful projects. Strong team player with proven collaboration in hackathons and real-world applications, currently working in the SAP Ariba domain.

## EDUCATION

### •Bachelor of Engineering in Computer and Communication Engineering

2022-2026

Sri Sairam Institute of Technology, Chennai

CGPA: 8.67

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Java, Python, Javascript, HTML, CSS, SQL

**Frameworks:** React, NodeJS, ExpressJS, Springboot, Flask, Streamlit, RESTful API

**Databases:** SQLite, MySQL, MongoDB, Firebase

**Platforms & Tools:** Git, Github, Postman, Linux

**Productivity Tools:** Github Copilot, Cursor, Gemini, Chatgpt, Claude

## PROJECTS

### •Mass Mailing System

Project Link: [GitHub](#)

Engineered an email automation system using Python Flask, Streamlit and SQLite.

- Engineered an email automation backend handling 100+ concurrent dispatches with high delivery reliability via Python Flask and Streamlit.
- Built admin panel for user management, template configuration, and dispatch performance summaries - demonstrating end-to-end full-stack ownership.

### •Decentralized eVault System for Legal Documents

Project Link: [GitHub](#)

Developing a blockchain-based secure document storage system for legal authorities.

- Building a blockchain-secured legal document storage system in a 3-member team, targeting 100% elimination of physical document tampering and loss.
- Tech stack: React.js, Ethers.js, Solidity smart contracts, Ganache, MetaMask, Pinata IPFS, Firebase - with AES-GCM encryption before IPFS storage; CID anchored on-chain.
- Architected the encryption-storage-retrieval pipeline; contributed to smart contract integration and frontend document management UI.

### •NavAble – Accessibility Mapping Platform

Project Link: [GitHub](#)

Built an accessibility-focused mapping platform using the MERN Stack.

- Designed and built a full-stack MERN accessibility platform enabling crowd-sourced reporting of accessible locations (ramps, elevators, restrooms) via interactive maps.
- Implemented secure JWT-based authentication, admin dashboard for image-proof validation, and responsive mobile-first UI - production-grade patterns applied throughout.

## EXPERIENCE

### •Cognizant Technology Solutions

Feb 2026 – Present

SAP Ariba Intern

- Gained foundational expertise in Upstream and Downstream modules, focusing on the end-to-end workflow of Supplier Lifecycle and Performance (SLP) and strategic sourcing.
- Analyzed procurement processes and participated in technical evaluations to validate system knowledge, focusing on optimizing supplier onboarding and solution design.

### •Xenforte Technologies Pvt Ltd

June 2025 – July 2025

Python Stack Development Intern

- Built Auditor, a production-grade auditor management platform in a 4-member Agile team using Flask(Python), SQLite, and vanilla JS/HTML/CSS.
- Designed and integrated 30+ dynamic data-capture forms for client tax workflows, document uploads, and activity tracking - replacing manual audit trails.
- Automated multi-channel notifications (email, SMS, in-app) to streamline auditor-client communication, reducing manual follow-up overhead significantly.
- Applied REST API design principles and dashboard-driven UX to deliver a scalable, maintainable codebase.

## •Infosys Springboard

Nov 2024 - Dec 2024

Python Stack Development Intern

- Developed a Scalable Mass Mailing Application using Streamlit, Flask and SQLite3.
- Architected admin-facing email template management, user control, and delivery analytics - optimising for high deliverability and bulk dispatch reliability.
- Hands-on exposure to automation pipeline design and performance-oriented backend development.

## •Open Weaver India Private Limited

Aug 2023 - Sep 2023

Web Development Intern

- Developed **Doctory**, an AI-powered healthcare web platform featuring medicine info, appointment booking, online consultation, and delivery modules.
- Ranked Top 50 out of 32,500 participants; recognised with Apple AirPods for engineering excellence.
- Gained early exposure to integrating AI-enabled features and services into production-grade web applications.

## CERTIFICATIONS

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- Google AI Essentials - Coursera
- Google Prompting Essentials – Coursera
- Programming in Java – NPTEL
- Software Conceptual Design - NPTEL

## ACHIEVEMENTS

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- Solved **1600+ problems** across platforms including [SkillRack](#), [GeeksforGeeks](#), [LeetCode](#), and [CodeChef](#).
- Built an AI-based mobile app for **SIH 2024** with real-time voice-text translation in 5 Indian languages; researched STT models and implemented Google Speech-to-Text for accurate input.
- Secured **1st place** in Blockchain domain at Qtuxathon 2.0 hackathon by Sairam; contributed to backend and smart contract integration for an automated insurance claim system using Node.js, MongoDB, React, and Chainlink.
- Placed **2nd and 3rd** in HAVOC CTF and HAVOC CTF 2.0 at my college, also recognized as a top performer in Pecan+ CTF by PALS.