

# Siva Prasath K

## Software Developer & MCA Candidate

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[in siva prasath](#)

### Professional Summary

Motivated Master of Computer Applications (MCA) candidate with a strong foundation in software development, data analysis, and modern web technologies. Experienced in building full-stack applications using Python, Java, and JavaScript frameworks. Adept at solving complex problems through technology, managing databases, and integrating APIs. Eager to apply technical skills in a challenging software engineering or development role to contribute to organizational success.

### Technical Skills

#### Programming & Development

**Languages** Java, Python, C++, SQL, JavaScript, Dart

**Web Technologies** HTML5, CSS3, REST APIs, JSON, Frontend Basics

**Mobile App Dev** Flutter, Cross-platform Development

#### Data & Tools

**Databases** MySQL, PostgreSQL (Supabase), Database Management

**Tools & Cloud** Git, GitHub, VS Code, Google Colab, Basics of Cloud Computing

### Academic Projects

- 2025 **Interactive Web Application (Virtual Try-On System)**, *Academic Project*, Full Stack
- Designed and developed a responsive web application that allows users to virtually visualize clothing.
  - **Tech Stack:** Built the frontend using HTML/CSS/JavaScript and developed a Python backend to handle image processing requests.
- 2025 **GoLocal: Mobile Application for Local Services**, *Smart India Hackathon*, Mobile Development
- Developed a cross-platform mobile application using **Flutter** to connect users with local artisans and cultural services.
  - Implemented a robust backend using **Supabase (PostgreSQL)** for secure user authentication and real-time data storage.
  - Integrated **Google Maps API** to provide location-based services and navigation features for users.
  - Incorporated an automated chat interface to assist users with inquiries, improving user engagement.

### Education

- 2024–Present **Master of Computer Applications (MCA)**, *Pondicherry University*, Puducherry, India
- **Key Coursework:** Data Structures, Database Management Systems, Software Engineering, AI & Expert Systems, Web Technology.
- 2021–2024 **Bachelor of Computer Applications (BCA)**, *Indira Gandhi College of Arts and Science*, Puducherry, India

### Languages

English Full Professional Proficiency

Tamil Native Proficiency