

ARJUN SANTHOSH

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PROFESSIONAL SUMMARY

Passionate MCA student and full-stack developer with expertise in Flutter and modern web technologies. Experienced in building scalable, real-world applications with strong backend logic, API integrations, and optimized database design using PHP, Python Flask, and SQL. Recognized for leadership in innovation initiatives and hackathon achievements. Seeking to apply technical and problem-solving skills in building impactful software solutions.

EDUCATION

Master of Computer Application

Mar Athanasios College for Advanced Studies , Tiruvalla

2025 – Present

Bachelor of Computer Applications (BCA)

Kristu Jyoti College of Management and Technology, Changanassery

2022 – 2025

CGPA: 7.9/10

Higher Secondary School (12th Standard)

A.K.M Public School Junior College, Changanassery

2020 – 2022

CGPA: 7.5/10

TECHNICAL SKILLS

Frontend Technologies: HTML5, CSS3 (Bootstrap, Tailwind CSS), JavaScript (ES6+), Flutter (Dart)

Backend & Databases: PHP (Laravel), Python (Flask), Node.js, REST API Development, SQL (MySQL, PostgreSQL), MongoDB, Firebase

Tools & Technologies: Git/GitHub, VS Code, XAMPP, Android Studio , Postman , Git Lab , Docker

Testing & Debugging: Manual Testing, Cross-browser Testing, Chrome DevTools

FEATURED PROJECTS

Blood Donation Management System

[GitHubRepository](#)

Tech Stack : *HTML5 · CSS3 · JavaScript · Bootstrap · PHP · MySQL*

- Developed an online platform to connect blood donors with recipients.
- Enabled users to search for donors based on blood group and location.
- Implemented donor registration and request management system.
- Designed database to efficiently manage donor records and availability.
- Focused on improving accessibility and response during emergencies.

RESQAI (AI-Based Accident Detection System)

[GitHubRepository](#)

Tech Stack : *AI/ML · Flask · MySQL · HTML5 · CSS3 · JavaScript*

- Developed an accident detection and ambulance route optimization system.
- Used machine learning models to detect incidents in real time.
- Integrated route optimization to minimize emergency response time.
- Focused on improving public safety and emergency handling efficiency.

CART GEN (Certificate Generator)

[GitHubRepository](#)

Tech Stack : *Python flask · HTML · CSS · JavaScript*

- Built a bulk certificate generation system for event-based use cases.
- Automated certificate creation with dynamic data input.
- Reduced manual effort by enabling batch processing and downloads.
- Designed simple UI for quick data upload and generation.

Tech Stack :Flutter · Python Flask

- Built an advanced website security analysis tool.
- Implemented features like cookie tracking, data retrieval, and risk scoring.
- Provided insights into potential vulnerabilities for websites.
- Designed cross-platform UI using Flutter.

ACADEMIC ACHIEVEMENTS & PUBLICATIONS

Paper Presentation

- Presented 5 research papers at ICMCTT (International Conference), 2023–2024
- Topics include Cloud Computing, AI, Flutter, and Business Scalability

Certifications & Training

- NASA Space Apps Challenge – Global Nominee (2024) ★ (top highlight)
- State-Level Hackathon Runner-Up (2024)
- Student Innovation Ambassador – AICTE & MoE (2023–2025)
- Workshop Speaker (Web Designing & AI) – Conducted sessions for college students (2024)
- Technical Head – International Conference (ICMCTT-IV, 2024)
- Best Performance Award (2025)
- Database Management System – NPTEL (2026)
- Career Essentials in Data Analysis – Microsoft (2025)
- Flutter Development – LetsUpgrade (2024)
- Python Training Programme – IIT Bombay (2023)

SOFT SKILLS

- Analytical Thinking · Problem Solving · Leadership & Team Management · Analytical Thinking
- Communication & Presentation Skills · Time Management · Critical Thinking

ADDITIONAL INFORMATION

Languages: English (Fluent), Malayalam (Native)**Open Source:** Active GitHub contributor with 5+ public repositories