Thriambak S

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Professional Summary

Ambitious Computer Science undergraduate with robust backend development expertise in Django, Flask, and RESTful API design. Proficient in database management (MongoDB, PostgreSQL, MySQL) and front-end technologies (HTML5, CSS3, JavaScript). Demonstrated ability to streamline AI-driven software pipelines and deliver scalable, user-centric web solutions.

Technical Skills

- Programming: Python, C, Java, Dart, JavaScript (ES6+)
- Web: Django, Flask, RESTful APIs, HTML5, CSS3, JavaScript
- Databases: MongoDB, PostgreSQL, MySQL
- Tools & Platforms: Git, Linux
- AI/ML: TensorFlow, PyTorch

Education

B.Tech in Computer Science & Engineering | Mar Baselios College of Engineering and Technology, Kerala

Expected Graduation: 2026 | CGPA: 8.32

Certifications

- Google Career Launchpad Cybersecurity (5 courses completed; all badges & certificate)
- Flutter Development Certification, ICT Academy of Kerala
- Python Programming Certification

Internship Experience

ICT Academy of Kerala — Flutter App Developer Intern

- Developed and maintained cross-platform mobile applications using Flutter and Dart
- Collaborated with UI/UX designers to create responsive, intuitive interfaces
- Employed Git for version control and contributed to sprint planning

Ospyn Technologies — Software Intern

- Built a prototype of an employee recruitment website using Flask
- Implemented core functionality for candidate registration and job listings
- Integrated simple data persistence with MongoDB and MySQL

Key Projects

Full-Scale Employee Recruitment Platform

Currently developing a comprehensive Flask-based recruitment system featuring four modules: User, College, Company, and Admin, with authentication, role-based access, and

REST API integration.

AI-Driven Software Automation

Designed and implemented a multi-stage pipeline for automated generation of requirements, specifications, test cases, and code iterations, enhancing the software development lifecycle.

Tesla Stock Price Prediction

Utilized time-series analysis and machine learning models to forecast Tesla stock movements, evaluating model performance with statistical metrics.

Java Currency Converter

Developed a Java application capable of converting values between currencies by integrating live exchange rate APIs.

P2P File Distribution Prototype

Built a peer-to-peer file transfer prototype with chunk-based transfers and basic encryption for enhanced efficiency.

Extracurricular Activities

- Active participant in hackathons and coding competitions

Interests

- Operating Systems & System-Level Programming
- Distributed Systems & Virtualization
- AI/ML & Data Science

I hereby declare that the information provided is true and accurate to the best of my knowledge.