TARIQ KASSIM HAJI

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SUMMARY

Computer Science diploma student (CGPA 8.7) focused on backend development and scalable web applications. Aerospace software intern at Collins Aerospace, 2nd-place winner in the Software category at Pushpa Gujral Science City, and builder of full-stack systems with Flask, JavaScript, MySQL and AWS serverless. Seeking a software engineering internship or placement.

EXPERIENCE

Software Intern, Collins Aerospace Summer 2026

- Built **AeroMUSE** (Aerospace Multi-User Environment), a web platform that lets airlines run their Departure Control System (DCS) at check-in counters and boarding gates.
- Developed the backend in Python and Flask with a JavaScript front end; the work continues as my final-year project.

Legal Intern, Zanzibar Attorneys 2025

- Researched legal questions, drafted documents and flagged risks for review, and explained legal rules to clients in plain language.

PROJECTS

TraceIt: Smart Lost & Found System 2nd place, Software, Pushpa Gujral Science City (Mar 2026)

- Built an AI-powered lost-and-found platform (Flask, MySQL, ML) that uses object detection to identify and match lost items.
- Designed a point-based incentive system to drive user participation, with live updates and notifications.
- Co-developed with a teammate and shipped a live deployment (traceit.blessedmatiko.com).

EduTrack: Student Study Planner (in progress) PHP, MySQL, Docker | github.com/blessed-py/edutrack

- Developing a web app where students manage courses, exam dates, assignment deadlines and weak topics, built as an LPU minor project.
- Implemented a priority algorithm that scores each topic by exam urgency, weakness and deadline proximity (40/40/20) and splits daily study hours accordingly.
- Built with plain PHP 8.2 (PDO), MySQL and Bootstrap, with an admin panel, an AI practice quiz, and Docker Compose deployment.

Smart Traffic Management System HackManthan, Eventeye (Oct 2025)

- Built a real-time traffic monitoring tool with Flask and WebSockets that shows live updates and detects congestion.

Serverless Task Management Web App AWS Lambda, JavaScript

- Architected a cloud-native task manager on AWS serverless services with full create, view, update and delete support.
- Used managed services for APIs, storage, authentication and monitoring; auto-scales with demand on pay-per-use cost.

Zanzibar Attorneys Website zanzibarattorneys.co.tz

- Built a responsive, live website for a law firm as a client project using HTML, CSS and Python.
- Presented the firm's services, team and areas of expertise with clear navigation, professional branding and support for all device sizes.

EDUCATION

Diploma in Computer Science & Engineering, Lovely Professional University, Punjab 2024 - 2027

CGPA: 8.7 / 10 | Coursework: Data Structures, Web Development, Machine Learning, Computer Networking

Ordinary Level, Feza Schools, Zanzibar Completed 2023

SKILLS

Languages: Python, JavaScript, PHP, Java, C, C++, SQL (MySQL), HTML, CSS; learning Prolog

Frameworks & Tools: Flask, Bootstrap, REST APIs, WebSockets, AWS Lambda, Docker, Git, Arduino

Strengths: Database design, system design, debugging, problem solving

CERTIFICATIONS

Data Structures and Algorithms, UC San Diego (Coursera) | Technical Support Fundamentals, Google (Coursera) | Python for Data Science, AI & Development, IBM | Open-Source Software Development, Linux Foundation