

TARIQ KASSIM HAJI

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SUMMARY

Computer Science student specializing in backend development and scalable web applications. Experienced in building full-stack systems using Flask and JavaScript, with a focus on database design, dynamic UI, and real-world workflow automation.

PROJECTS

Tracelt — Smart Lost & Found

- Applied AI-based object detection to instantly identify and report lost items, accelerating recovery.
- Designed a point-based incentive system to boost user engagement and participation.
- Built a Flask backend with a secure database for efficient tracking and notifications.
- Developed a dynamic, responsive UI for seamless reporting, live updates, and easy navigation.
- Fostered a community-driven system that increased the success rate of recovering lost items.

Serverless Task Management Web App

- Architected a cloud-native task management application on a fully serverless AWS stack for scalability and minimal operational overhead.
- Built a responsive web interface allowing users to create, view, update, and delete tasks in real time.
- Leveraged AWS managed services to handle backend APIs, data storage, authentication, and monitoring — eliminating manual server management.
- Designed the system to auto-scale with demand while keeping infrastructure costs pay-per-use.

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- Developed a web-based platform to streamline client engagement, case management, and legal service delivery.
- Built a Flask backend with a structured database to securely manage clients, appointments, and legal records.
- Designed a responsive front-end with JavaScript and Bootstrap for smooth navigation across devices.
- Implemented appointment scheduling and automated notifications, improving client communication and workflow efficiency.

EDUCATION

Diploma in Computer Science & Engineering

2024 – Present

Lovely Professional University, Punjab, India

Current CGPA: 8.75 / 10

- Relevant coursework: Data Structures, Web Development, Machine Learning, Computer Networking

CERTIFICATIONS

- Data Structures — University of California San Diego
- Google IT Support — Google
- Open-Source Software Development — Linux Foundation
- Python for Data Science, AI & Development — IBM

SKILLS

Programming & Scripting: Python, JavaScript, HTML, CSS

Frameworks & Tools: Flask, Bootstrap, Git

Web & Software Development: REST APIs, CRUD Systems, Responsive UI, Database Design

Other Strengths: Problem Solving, System Design, Debugging