

# BLESSED MATIKO

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## SUMMARY

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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.

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## PROJECT

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### Tracelt - Smart Lost & Found

- Uses AI object detection to instantly identify and report lost items, making recovery faster and smarter.
- Includes a point-based system to motivate users and boost engagement.
- Built a Flask backend with secure database for efficient tracking and notifications.
- Features a dynamic, responsive UI for seamless reporting, live updates, and easy navigation.
- Creates a community-driven system that increases the success rate of recovering lost items.

### ContentPro – Digital Content Management Platform (contentpro.co.tz)

- Developed a web-based platform to manage, organize, and publish digital content efficiently.
- Built a Flask backend with relational database to handle users, posts, and dynamic content workflows.
- Created a responsive front-end using JavaScript and Bootstrap for seamless user experience across devices.
- Implemented role-based access and content approval system, ensuring secure and structured content management.
- Integrated analytics and reporting features to help users track content performance and engagement.

### Zanzibar Attorneys – Legal Services Platform (zanzibarattorneys.co.tz)

- Developed a web-based platform to streamline client engagement, case management, and legal service delivery.
  - Built a Flask backend with structured database to manage clients, appointments, and legal records securely.
  - 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.
  - Enhanced platform usability with clean UI design and organized content management for legal professionals.
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## EDUCATION

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### Diploma in Computer Science & Engineering

Lovely Professional University, Punjab, India | 2024 – Present

Current TGPA: 9.48/10

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

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- **Data Structures** – University of California San Diego
  - **Supervised Machine Learning** – DeepLearning.AI
  - **AI Fluency: Framework & Foundations** – Anthropic
  - **Computer Networking Basics** – Cisco Networking Academy
  - **Python Complete Course** – Udemy
  - **Full Stack Web Development** – InternsVeda
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## SKILLS

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**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

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