Azmi Adan

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Objective

To contribute my technical expertise and problem-solving skills in a dynamic environment, supporting end-users and systems while adapting to evolving technologies and delivering efficient, reliable solutions.

Professional Summary

Full-Stack Developer | Cloud Engineer | Cybersecurity Enthusiast

A results-driven developer with hands-on experience in full-stack development, cloud systems, and cybersecurity. Proficient in building robust frontend interfaces, scalable backend systems, and deploying applications in secure cloud environments. A team player who thrives in dynamic tech environments and enjoys solving real-world problems through innovative code. Passionate about continuous learning and impactful software development.

Technical Skills

- **Languages:** JavaScript, Python, HTML5, CSS3 , Dart, C
- **Frameworks & Libraries:** React.js, Flask, Tailwind CSS

- **Tools & Platforms:** Git, GitHub, MySQL, Postman, GitHub API, Flask-Mail, Flutter
- **Cloud & Infrastructure** AWS (Basics), Angani Cloud, pfSense, CloudStack, VMware, SPO (SharePoint Online), Load Balancers, DNS Configurations, Linux VM Provisioning
- **Cybersecurity:** Cryptography, Secure Application Development, Linux Hardening

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Selected Projects

1.SmartStats AI

Developed a full-stack AI-powered data visualization platform using **Python Flask** for the backend and React for the frontend. Implemented user authentication, CSV data validation, AI-assisted statistical analysis, chart recommendations, and dashboard management. Enabled users to upload datasets, generate insights, visualize trends, and export results in multiple formats.

Key Features:

- Secure login with 24-hour session handling
- CSV upload and validation (up to 5MB)
- Automated statistical analysis (mean, median, min, max, standard deviation)
- Multiple chart types (Bar, Line, Pie, Scatter, Table)
- Dashboard creation and chart exports (PNG, CSV, JSON, TXT)

Tech Stack: Python (Flask), React, JavaScript, REST APIs, Chart.js, HTML5, CSS3

2.Crypto Chain

An educational simulation of a blockchain system demonstrating core features like transaction validation, digital signatures, and mining processes. Ideal for learning cryptographic principles and how distributed ledgers function in real-world applications. **Tech Stack:** Python (Flask), JavaScript, Cryptography

3.Chronos – Premium Age Calculator
Chronos is a premium age calculator that helps you determine your exact age in years, months, and days. It also provides additional information like your next birthday, birth day of the week, and total days lived.

Features

- Precise age calculation
- Beautiful, responsive design
- Multiple theme options
- Customizable settings
- Birthday celebration
- Share your results

Built with HTML5, CSS3, and vanilla JavaScript. No frameworks or libraries required.

4.Automated Email Sender

A simple web-based tool that allows users to send structured and formatted emails using a browser-based form. Includes basic validation and feedback messages.

Tech Stack: Flask, Flask-Mail, HTML/CSS

5.GitHub Scraper

A browser-based tool for fetching GitHub user data including repositories, descriptions, and language breakdown using the GitHub REST API. Built to demonstrate working with external APIs and dynamic rendering of JSON data. **Tech Stack:** Python, Flask, GitHub API

Professional Experience

AI Forensic Advisory Virtual Intern (Star Performer)
Excelerate | June 2025 | Remote

- Completed the **AI Forensic Advisory Virtual Internship**, gaining hands-on experience in **AI-driven forensic analysis, digital investigations, and problem-solving**.

- Worked on practical case scenarios applying **Python, data analysis, and critical thinking** to forensic challenges.
- Awarded a **Certificate of Appreciation as the Star Performer**, recognizing outstanding performance and being the top participant in the cohort.

Cloud Support Engineer Intern

Angani — *Feb 2025 – Apr 2025*

- Provisioned virtual machines and configured network services using **VMware**, **CloudStack**, and **pfSense** firewalls.

- Monitored and optimized customer workloads in the **Angani Cloud platform**, ensuring system uptime and responsiveness.
- Set up **load balancers**, **DNS configurations**, and basic containerization workflows using **Docker**.
- Assisted in the deployment of web applications on cloud instances and configured secure SSH access with Linux hardening best practices.
- Used internal ticketing systems to resolve client issues ranging from domain routing to VM resource allocation.
- Participated in knowledge base documentation and client onboarding sessions to streamline support processes.

Application Development Intern

Tulip (Stanley Black & Decker Support) — *Apr 2025 – Jun 2025*

- Developed internal dashboards to monitor machine uptime and process efficiency.
- Collaborated with factory-floor staff to gather real-time data requirements and deliver rapid prototypes.
- Integrated SharePoint Online (SPO) solutions for internal reporting workflows.
- Learned the importance of code reusability and modular design in industrial software systems.
- Refined communication skills by regularly presenting technical updates to non-technical stakeholders.

Nov 2025
Mobile App Development Intern (Star Performer)
Flutter Virtual Internship

- Completed an intensive virtual internship focused on cross-platform mobile application development using **Flutter** and **Dart**

- Built and customized mobile UI components using Flutter widgets and responsive layouts
- Implemented application logic, navigation, and state management using Dart
- Recognized as a **Star Performer** for exceptional performance and timely project delivery

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Education

KCA University

Bachelor of Science in Information Security and Forensics
May 2025 – Expected Dec 2027
Coursework includes ethical hacking, digital forensics, cyber law, secure software development, and information assurance.

Moringa School

Software Engineering Bootcamp
Jul 2024 – Nov 2024
Immersive program focused on full-stack web development. Emphasized JavaScript, React.js, Flask, REST APIs, and agile methodologies. Delivered multiple collaborative and individual projects in a fast-paced environment.

Licenses & Certifications

- **Software Engineering Certificate** — Moringa School *(Nov 2024)*
- **AI Forensic Advisory Virtual Internship (Star Performer)** — Excelerate *(Jun 2025)*
- **Mobile App Development Virtual Internship (Star Performer)** — Flutter *(Nov 2025)*
- **Cybersecurity Fundamentals** — IBM SkillsBuild

- **Cybersecurity & Emerging Technologies** — ICT Authority *(May 2024)*
- **3CX Basic Certification** — 3CX *(Feb 2025)*
- **CodeMaster Solo Showdown Challenge** — Rochester Institute of Technology (RIT Dubai) *(Jan / Apr 2025)*
- **Basics of Python** — UniAthena *(Oct 2024)*
- **Leading Yourself** — LinkedIn Learning *(Sep 2024)*

Additional Highlights

- Committed to delivering clean, secure, and intuitive UI/UX designs.
- Experienced in collaborative projects using Git and agile workflows.
- Fast learner who embraces challenges and adapts to new tools and stacks.

Referees

Susan Psese

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