

## **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.

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## **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.

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## Technical Skills

- **Languages:** JavaScript, Python, HTML5, CSS3
  - **Frameworks & Libraries:** React.js, Flask, Tailwind CSS
  - **Tools & Platforms:** Git, GitHub, MySQL, Postman, GitHub API, Flask-Mail
  - **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.Task Master Pro

A lightweight to-do app designed to enhance productivity by enabling users to add, update, and delete tasks in an organized interface. Focused on clean UI/UX and fast interactions. Built entirely with frontend technologies to sharpen layout structuring and DOM manipulation skills.

**Tech Stack:** JavaScript, HTML5, CSS3

**Live demo -** [Task-Pro](#)

### 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

Live demo - [crypto-chain](#)

### 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

Live demo - [chronos](#)

#### Technologies

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

Live demo - [Auto-email sender](#)

## 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

Live demo - [github scrapper](#)

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## Professional Experience

### 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.
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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.

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- **Certifications**

- **Software Engineering** – Moringa School
- **Cybersecurity Fundamentals** – IBM SkillsBuild
- **Cybersecurity & Emerging Technologies** – ICT Authority
- **3CX Basic Certification** – 3CX
- **CodeMaster Solo Showdown** – RIT Dubai
- **Basics of Python** – UniAthena
- **Leading Yourself** – LinkedIn Learning

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## **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.

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## **Referees**

### **Susan Psese**

Head of Operations, Angani

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### **Joseph Mbugua**

Technical Mentor, Moringa

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