# JAMES OPONDO

Nairobi, Kenya. | Phone: +254719593249 | jamcav097@gmail.com | GitHub: https://github.com/hamezksm | Portfolio: https://hamez-personal-portfolio.netlify.app

## EDUCATION .

**KENYATTA UNIVERSITY** (Nov 2020- April 2024)

Bachelor of Science in Computer Science.

Cumulative GPA: 63.05

Relevant coursework: Data structures and algorithms; Object Oriented Programming; System analysis and design; Artificial intelligence; Distributed systems: Legal and Ethical issues in computing

**ALX SOFTWARE ENGINEERING** (Jan 2023- May 2023)

Professional certificate in Software Engineering.

Cumulative GPA: 90/100

Relevant coursework: Low level programming; Version Control Systems; DevOps; High level programming

**COURSERA** (Jan 2024- June 2024)

Professional certificate in Cybersecurity.

## WORK EXPERIENCE .

**SULUHU ONDEMAND** (Feb 2025 – Present)

Full Stack Engineer.

- Implement User interfaces for OnDemand mobile application.
- Implementing backend applications for the OnDemand platform
- Automate architecture deployment and workflows on the cloud.
- Implement and automate solutions deployments for distribution
- Work hand in hand with my teammates and strategize on the project goals.
- Participate in innovation activities for company's software solution.

**SMARTPAY NETWORK** (Sep 2024 – Present)

Mobile Engineer.

- Created a financial inclusion application that integrated blockchain to make payments to other users and merchants.

**CODEFREMICS LIMITED** (Jun 2024 – Sep 2024)

Full Stack Software Engineer Intern (Internship).

- Develop mobile apps, backend servers, databases and websites for company clients
- Work hand in hand with Business Leads to ensure client requirements have been met.
- Work hand in hand with my teammates and strategize on the goals of each client project.
- Participate in innovation activities for company's software solution.
- Use test driven development to test and develop software systems.

**SOLUTECH LIMITED** (Apr 2024 – Jun 2024)

Mobile Software Engineer Intern (Internship).

- Develop and maintain company mobile software systems.
- Participate in innovation activities for company's software solution.
- Use test driven development to test and develop software systems.

**SEVEN SKIES LIMITED** (Aug 2023 – Present)

Full Stack Software Engineer Consultant.

- Developed a custom digitized checklist system for a government organization that involved collecting data in the fields of health, agriculture, livestock, water and education.
- Designed an analysis tool to analyze collected data in the database using Django and Django-rest framework.
- Implemented the statistical analysis dashboard for the data collected.

**FREELANCER**(Jun 2022 – Present)

Full Stack Software Engineer freelancer.

- Designed backend systems and servers to collected data in the database.
- Implemented web components for clients as per their needs.
- Implemented crash reporter and used findings to fix the bug causing crashes of servers.
- Implement mobile applications for clients
- Deployed servers for clients.

## PROFESSIONAL PROJECTS                                                            .

### WORDANDLEARN

- Part of the team that designed, developed, and deployed personalized learning platform for children that improves and makes learning more fun and interactive. **Wordandlearn**

### MY JOURNEY

- Designed, developed, and deployed a speech transcription journaling application.(Coming soon on play store)

### MAVUNO

- Designed and developed an app that connects farmers to customers to sell their produce directly to consumers without the need of middlemen.

### SMART INVENTORY

- Designed and developed a smart inventory application that keeps inventory data of different shop branches in and automates stock reconciliation upon daily sales entry.

### OKOA SEM

- Designed, developed, and deployed a SaaS that help students study for their exams - okoa-sem (Next.js). Currently working a mobile platform for it using flutter.

### PARKPOINT

- Designed and developed a parking booking application that integrated payment methods and Google maps as the first project for my startup using Golang and Flutter.

**HAMEZ AND CO** [Collaboration with friends] (Sep 2022 - present)

Chief technical officer

- Designed, developed, and deployed a music matching application. (Redeploying to playstore)

- Designed developed and deployed AI based Sudoku solver. The application was made using flutter and python.
- Designed, developed, and tested backend and restful APIs for a client application for selling and blogging about cars using python Django. (Currently in development)

**KU-CIS LIBRARY**

This is an online library for storing lecture notes, past papers, and revision materials.

- It is made using flutter for the client side(students who need access). The backend is made using Django and an admin side for uploading the materials is made using Next.js.

**MOBILE CHAT APPLICATION** (Jun 2023)

- Developed using python (Django and Djangorest) on the backend and flutter on the frontend.
- Designed developed and implemented a mobile based asynchronous chat application.
- Managed to be position three out of fifteen.

**BLOG APPLICATION** (Jan 2023)

- Created a blogging application using python and Django on the backend and HTML, CSS, and JS on the frontend.

**ACTIVITES** .

**DAVIS AND SHIRTLIFF 2024 HACKATHON** (Aug 2024 – Sep 2024)

Participant

- Participated in Davis and Shirtliff hackathon and my team emerged 1st runners up

**637 CAPITAL 2023 HACKATHON** (Nov 2023)

Participant

- Participated in Davis and Shirtliff hackathon and my team emerged winners

**GOOGLE DEVELOPER STUDENT CLUB** (Sep 2021 - present)

Member

- Participated in web development team building activities.

**SPACE YA TECH** (Sep 2022 - present)

Member

- Participated in open-source project in building an application's server side using different Programming languages. I used Django to make restful APIs.

**GOOGLE CROWDSOURCE** (Sep 2022 - present)

Member

- Collaborated with a global team to provide localized insights for Google's AI, feeding the Knowledge Base with 1,500+ vernacular expressions; this effort led to a 40% reduction in misunderstandings during user interactions.

**KENYATTA UNIVERSITY COMPUTING AND INFORMATION SCIENCES** (Feb 2024 – May 2024)

Mobile developer lead

- Led and participated in development of mobile application development.
- Mentor newbies to understand the flutter framework.
- Create a demo restful API using Django for other developers to use to test and develop the proposed application.

**ADDITIONAL** .

**Programming Languages used:**

- Dart
- Java
- JavaScript
- TypeScript
- Golang
- Python
- MySQL
- PostgreSQL
- Kotlin

**Other technologies used:**

- DevOps
- AWS
- Azure
- Docker

**Frameworks used:**

- Flutter
- Next.js
- React
- Gin (Restful APIs)
- Django (Restful APIs and GraphQL)
- Flask(Restful APIs)
- Jetpack Compose

**Types of Development:**

- Test Driven Development
- Behavior Driven Development

**Languages:** Fluent in English and Kiswahili and learning Japanese.

**Certification and Training:** Currently pursuing a professional certificate in cybersecurity.

**Hobbies and Interests:** Finding interests and trying to understand IoT and Machine Learning before I can take a big leap into making one of the field's systems and software; Learning trends in tech; Athletics; Fitness.

## REFEREES                                                                                              .

1. William Wanyonyi
   Sevenskies Limited
   +254700120965

2. Tito Mitto
   Solutech Limited
   +254791637863

3. Moureen Akinyi
   Codefremics Limited
   +254708412499