

# AMUTSA TOSSY

## CONTACT

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## EDUCATION

### BSC. COMPUTER TECHNOLOGY

Jomo Kenyatta University of  
Agriculture and Technology  
2023

### CLOUD DEVELOPER

Udacity  
Jan 2023

## SKILLS

- Programming Languages: PHP, Python, JavaScript, Java, C++
- Web Technologies: HTML, CSS, React, Django Framework, Node.js
- Cloud Technologies: AWS, Docker, Kubernetes, Travis CI
- Database: SQL, PostgreSQL, MySQL, RDS, MongoDB
- Testing: Postman, Test Automation, Unit Testing, Integration Testing, Debugging
- CI/CD: Git, Jenkins
- Penetration Testing
- JSON, XML format
- RESTful APIs
- Linux

## CERTIFICATIONS

Scientific Computing with Python  
Cloud Developer  
Responsive Web Design  
JavaScript Algorithms and Data Structures

## PROFILE

A resourceful and resolute full-stack software engineer with over 2 years of experience, adept in various programming languages and cloud technologies to develop and deploy secure, reliable, and user-friendly systems. Able to scan, assess, find vulnerabilities, and secure a network system from vulnerabilities found. Complemented with excellent observation, analytical, research, and problem-solving skills.

## WORK HISTORY

### TruWeb Solutions Sep 2022 - Present

#### CODE CONTRIBUTOR

- Developed high-quality PHP code, optimizing efficiency and improving overall code quality, resulting in time savings for developers.
- Implemented 17+ functionalities, optimizing productivity and efficiency while developing clean PHP code with a keen eye for quality.
- Collaborated seamlessly with cross-functional team members in an agile manner, ensuring streamlined back-end development and adherence to best practices.

### FREELANCER Nov 2021 - Present

- Delivered projects for 70+ global clients, maintaining high satisfaction, retaining 25 clients and counting, and resulting in a 20% increase in repeat business.
- Implemented cost-saving solutions, reducing rates by 20% while ensuring high-quality deliverables, resulting in increased client satisfaction with CRM in mind.
- Resolved client disputes professionally and amicably, fostering positive long-term relationships, and resulting in increased client satisfaction.

## PROJECTS

### SERVERLESS TODO APPLICATION

- Developed scalable, cost-efficient serverless REST APIs on AWS using API Gateway and AWS Lambda, driving improved system performance and resource optimization.
- Ensured secure and reliable data management by implementing data storage in AWS DynamoDB and S3.
- Strengthened application security by incorporating authentication with Auth0, safeguarding user data.
- Leveraged the Serverless framework for streamlined deployment on Amazon Web Services, enhancing operational efficiency.

### GRAIN STORAGE IOT IMPLEMENTATION

- Led a team of 4 developers on an IoT solution for grain storage, leveraging Kafka for real-time data transmission.
- Developed RESTful API in Python to ensure data transmission, accurately and effectively.
- Tracked grain storage conditions, benefiting farmers and enhancing productivity.