

# ISAACK KARANJA GITUNDU

Software Engineering Student | Aspiring Backend Developer

Nairobi, Kenya

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## Career Objective

Motivated and passionate Software Engineering student with hands-on experience in backend development, machine learning, and web technologies. I am seeking a student attachment/internship opportunity where I can contribute to real-world ICT solutions while sharpening my technical skills in Python, FastAPI, Docker, and cloud computing.

## Education

### Bachelor of Science in Software Engineering

Zetech University, Nairobi

September 2022 – April 2025

Expected Graduation: November 2025

Relevant Coursework: Programming (Python, PHP, Java, JavaScript), Web Development (HTML, CSS, JavaScript), Game Development, Networking & Project Management

### Kiambu Secondary School

Kenya Certificate of Secondary Education (KCSE) – Grade B-

2017 – 2022

## Technical Skills

Languages: Python, JavaScript, PHP, Java

Frameworks & Tools: FastAPI, Docker, Git, Redis (basic)

Databases: MySQL, MongoDB

Web Technologies: HTML, CSS, JavaScript

Version Control: Git & GitHub

Operating Systems: Windows, Linux

## Projects

### Credit Card Fraud Detection

- Built a machine learning model to detect fraudulent credit card transactions

- Used Python, scikit-learn with logistic regression and decision trees
- Gained skills in data preprocessing, model evaluation, and analytics

### **Snake Game – Pygame**

- Developed a classic Snake Game in Python using Pygame
- Implemented score tracking, movement logic, and collision detection

Portfolio: <https://github.com/aizoooh>

### **Extracurricular Activities**

#### **iTech Community Member**

- Participated in peer programming, tech discussions, and local hackathons

### **Personal Attributes**

- Quick learner and highly adaptable
- Collaborative and team-oriented
- Open to feedback and continuous improvement
- Able to meet deadlines and manage project pressure

### **References**

#### **Rev. Jason Kamotho**

Reverend, Eagles Chapel – Kitengela

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#### **Richard Mathenge**

Lecturer, Zetech University

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