







# JETHRO CHERUIYOT

## SOFTWARE DEVELOPER

A proficient and innovative software developer with a solid foundation in Information Technology. Experienced in developing scalable web applications and software solutions using Java, Python, and JavaScript. Skilled in Android development, adept at building intuitive user interfaces and optimizing app performance. Demonstrated ability to lead projects, streamline processes, enhance user experience, and drive innovation across the software development lifecycle.

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### RELEVANT SKILLS

- Communication skills.
- Leadership skills.
- Teamwork skills.
- Interpersonal skills.
- Learning/adaptability skills.
- Self-management skills.
- Organizational skills.
- Computer skills.
- Language Proficiency:  
Fluency in English and Kiswahili

### WORK EXPERIENCE

#### Internal Attachment Dedan Kimathi University of Technology Nyeri

May 2022 to August 2022(3 months)

- Software Installation & Troubleshooting
- Database Design & Management
- C,C++ ,Java programming
- Web Development (HTML, CSS, JavaScript)

#### External Attachment Agape Enterprise (Wifi Installation Company)

May 2023 to August 2023(3 months)

- 1.Site Survey and Analysis
- 2.Access Point Placement and Configuration
- 3.Network Security Implementation
- 4.Quality of Service (QoS) Optimization
- 5.Interference Mitigation Techniques

### EDUCATION HISTORY



2015

#### Noosagami Fountain Academy

Kenya Certificate Of Primary Education  
Grade: 327



2019

#### Longisa Boys High School

Kenya Certificate Of Secondary Education  
Grade: B

## TECHNICAL SKILLS



- Web Development: HTML, CSS, JavaScript, React
- **Mobile Development:** Android (Java, XML), Mobile application development, Android Studio
- **Machine Learning and Data Analysis:** Machine Learning, Data Mining, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
- **Database Systems** SQLite, MySQL

## CERTIFICATIONS



### Cybersecurity

Institution: Cisco certification, Cybersecurity Awareness, October 2023



### English certification

Institution: EF SET  
February 2024

## EDUCATION HISTORY



2024

### Dedan Kimathi University Of Technology

Bachelor of Science In Information Technology

## SKILLS GAINED

- IT Essentials
- Computer System Organization and Architecture
- Introduction to Programming(C Programming)
- Computer Networks
- Object Oriented Programming 1 (C++)
- System Analysis and design
- Database System(MySql)
- Software Engineering
- Application Programming(Visual Basic)
- Operating Systems(Linux,Windows,MacOs )
- Data Structures and Algorithms
- Web Application Programming(HTML,CSS and JavaScript)
- Mobile Computing
- Artificial Intelligence
- Information System Security and Audit
- Object Oriented Programming II(Java)
- Computer Graphics
- Network Administration and Management
- Design And Analysis Of Algorithms
- Mobile Application Programming(Android)



## SOFTWARE PROFICIENCY

- Visual Studio
- Android Studio
- Code Blocks
- IntelliJ IDEA
- Pycharm

## INTERESTS

- Cybersecurity & Ethical Hacking
- Full Stack Development
- Mobile Development (React Native)
- Backend Development (Node.js and Express.js)
- Network Security
- Data Science
- Artificial Intelligence & Machine learning

## SKILLS GAINED

- Project Management
- Research Methods
- Multimedia Systems
- Management Information Systems
- Human Computer Interaction
- Distributed Systems
- Internet of Things
- Simulation and Modelling(Python)
- Entrepreneurship and Product Development
- Electronic Commerce
- Data Mining(Using Python Machine Learning libraries)

## REFERENCES

### **Elizabeth Mutua,**

Dedan Kimathi University of Technology,  
Tel: 0727 448796,  
Email: elizabeth.ndunge@dkut.ac.ke

### **Madam Lilian,**

Longisa Boys High School,  
Tel: 0727322021

### **Peter Kiplangat Cheborgei,**

Noosagami Fountain Academy,  
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### **Steve Maina**

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