**Skills** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
**• Languages: :**Python, PHP, JavaScript, C, C++, HTML/CSS, Bash **• Databases :**MySQL, PostgreSQL, MongoDB

**• Libraries :**NumPy, Pandas, OpenCV

**• Frameworks:** Flask, Django, Node.js, Keras, Angular, React, Bootstrap

***• Tools and Technologies:****Git, Docker, AWS, GCP, Heroku.*

**Experience** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Software Engineer** |  | **NACOSTI** |  | **MAY -SEP 2023** |

• Designed and developed scalable web applications for a variety of clients using Python, Django, and React.  
• Collaborated with cross-functional teams including product managers and UX designers to ensure software met customer needs.

• Led the development of a new feature that improved application performance by 50%.  
• Implemented unit testing and continuous integration to increase code quality and speed up deployment process  
• Contributed to open source projects

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **System Administration** |  |  |  | **2022 - 2023** |

• Manage and maintain Windows and Linux servers in a Virtual environment, ensuring high availability and reliability

• Configure and monitor network devices including switches, routers, and firewalls to ensure optimal performance and security

• Implement security policies and procedures to safeguard systems and data, including patching and vulnerability management

• Design and implement disaster recovery and business continuity plans to minimize downtime and data loss

• Provide support for clients, troubleshooting issues with hardware and software and resolving them in a timely manner

• Automate routine tasks using scripting and automation tools such as PowerShell, Bash thus reducing manual effort.

**Education** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MULTIMEDIA UNIVERSITY** |  | **Bachelor Of Science Software Engineering** | **Nairobi,Kenya** | **2018-2023** |

**Projects** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
• **Patient Records Management System:**

**Developed a record management system for for automation of health operations(2023)**  
• **Monster Finder Project**

Designed and developed a web based application to access user data through API(2023)

• **Dice**

Designed and developed a web based dice application (2023)

**Mentorship** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
• **Tutor:** Programming | Cyber Security |Technology|  
**Referees**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mrs. Mitchell Gakii

ICT OFFICER,

NACOSTI,

Mitchell.gakii@nacosti.go.ke

+25491518911

Mr. Denis Yegon

Senior ICT OFFICER

NACOSTI

+254736103613