

DANIEL MAKOKHA NAKHONE

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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
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- 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
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- 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
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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
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