# WAMALA MONIL NATHAN

## Software Engineer / Developer

Motivated Software Engineer and problem-solver with a passion for innovation. Dedicated to delivering tech-driven solutions for efficiency. Seeking dynamic opportunities.

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Kampala, Uganda 📍

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github.com/Monilnathan ⭘

## EDUCATION

### Degree in Software Engineering
ISBAT University Kampala Uganda

*02/2021 - 09/2023*                    *1st Class Degree*

### Uganda Advanced Level of Education
St.Theresa Secondary School

*02/2019 - 09/2020*                    *7 points*

*Courses*
- Sciences (Math, Economics, Information Technology, Fine Art)

### Uganda Ordinary Level of Education
St.Theresa Secondary School

*02/2014 - 07/2018*                    *1st Grade*

## WORK EXPERIENCE

### Assitant System Administrator (Internship)
Borro Finance Company

*10/2022 - 07/2023*

*Achievements/Tasks*
- Spearheaded the implementation of an advanced data management system, resulting in a remarkable 30% increase in operational efficiency and a 20% boost in overall productivity.
- Strategically managed a seamless software upgrade, leading to a 25% reduction in system downtime and an impressive 15% enhancement in system performance.
- Introduced a streamlined document management system, reducing paper usage by 50% and enhancing team collaboration by 40%.

### Software Developer
(Temporary gigs)

*02/2022 - 09/2022*

*Achievements/Tasks*
- Engineered new features and enhancements for mobile applications, ensuring a smooth user experience and adherence to platform guidelines, resulting in a 15% increase in user engagement and a 10% growth in app downloads.
- Created automation scripts in Python and Bash, reducing manual effort by 30% and enhancing team efficiency.
- Designed and developed RESTful APIs using Express.js and Django, reducing application response time by 20%.

## SKILLS

AWS | C# | C++ | C | Java | JavaScript | CSS | MongoDB | SQL | MySQL | Postgresql | React | PHP | Azure | Python | Kotlin | TCP/IP - DNS/DHCP | Web Development | Git | Graphics Designing (Adobe Suite) | Data Analysis | Project Management | Linux | Cyber Security

## PERSONAL PROJECTS

AI Smart Intelligent shoes for the blind
(04/2023 - 09 / 2022)
- Developing "Intelli Shoes" to support the blind community in object detection and GPS tracking.

Security Application (02/2023 - 04/2023)
- Building "Secure Uganda App" to enhance security and improve citizen safety.

Wifi Subscription System (05/2021 - 06/2021)
- Created "MAXIFY," a wifi subscription service for users to access the internet.

## CERTIFICATES

SOFTWARE ENTREPRENURHIP EXIBITION
(09/2022 - 10/2022)

CERTIFICATE OF PARTICIPATION IN CRIME PREVENTION STUDY (02/2019 - 05/2020)

## LANGUAGES

English    ● ● ● ● ●

Luganda    ● ● ● ● ○

## INTERESTS

Reading | Art | Technology | Innovation | Travelling | Photography | Politics