

# Majok Abraham Ayii

## Software Engineer

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GitHub: [github.com/majok-abraham](https://github.com/majok-abraham)

Portfolio: [majokabraham.com](https://majokabraham.com)

### Resume Objective

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I am a self-motivated, detail-oriented, and task-driven software engineer with over five years of experience working with technologies such as JavaScript, React.js, Node.js, TypeScript, Express.js, PHP, Laravel, MySQL, and WordPress. I am passionate about creating innovative, user-friendly solutions that deliver real value.

In addition to my development expertise, I am also a cybersecurity enthusiast, having successfully completed the Google Cybersecurity Certificate. This has equipped me with a solid foundation in cybersecurity principles and practical exposure to SIEM tools such as Splunk. I excel in collaborating with dynamic teams to build high-quality, secure systems while consistently identifying opportunities to enhance both performance and user experience.

### Technical Skills

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- Programming Languages: JavaScript (Node.js, React), PHP (Laravel), Python, TypeScript
- Frameworks: Laravel, Express.js, React.js
- Content Management Systems: WordPress
- Databases: MySQL, PostgreSQL, MongoDB
- Security Tools: Splunk, Wazuh
- Tools & Platforms: Git, Docker, Nginx, AWS, Linux
- Front-End: HTML5, CSS3, Tailwind CSS, Bootstrap, REST APIs, AJAX

## Soft Skills

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- Verbal and written communication
- Problem Solving
- Time management
- Attention to details
- Collaboration and Teamwork

## Work Experience

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### Software Engineer

#### Digitel Holdings LTD

**Oct 2025 – Present**

**Juba, South Sudan**

- Developed payment monitoring system to monitor the internet corporate clients.
- Maintained and upgrades of software applications developed by Digitel and third parties
- Worked with BI application specialist or external consultant to develop software applications to be used by external customers.
- Supported BI application Specialist in customization of third-party software applications such as BI, CRM, ERP, Digicash and other such applications that are used by Digitel.
- Served as the contact person for external customers using softwares developed by Digitel

### Junior IP Engineer

#### Digitel Holdings LTD

**Nov 2022 – Sept 2025**

**Juba, South Sudan**

- Monitored network traffic and alarms of network devices
- Developed a Laravel-based HR and Leave management system.
- Designed and developed a USSD-based system to check secondary and primary national examinations results and SMS delivery.
- Performed VLAN configuration
- Performed call Detail Records (CDRs) processing for lost phones and investigations.
- Configured routers for the clients.
- Investigated and resolve network security incidents.
- Troubleshooted and resolved printer issues

## Projects

### 1. Corporate Internet (Point-to-Point) Clients monitoring System for Digitel

An automated system to monitor point-to-point corporate internet clients. It is used to make payments for clients, payment then triggers the system to automatically enable client's CISCO router interface connecting the client to allow internet usage. The system also notifies via email and SMS when their payment is five days from expiry, and automatically shut down their CISCO router interface when the payment expires, and send email SMS termination email.

### 2. DIGI-HR and Leave Management System

A Human Resource & Leave management system to enable the Human Resources department to easily keep track of employees' records and their leave days. Key features include staff information management, leave application and approval, automatic calculation of staff annual leave days, and automatic email notification during leave approval.

### 3. DigiResult System

A USSD application on the Digitel network used by students and the public to access the South Sudan primary and secondary leaving examination results upon release. The components include a web dashboard for uploading results, managing settings, viewing analytics, generating reports, and the USSD component for end-user usage.

## Education

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Bachelor of Science (B.S.) Software Engineering – Makerere University, Kampala, Uganda.

Graduated: 2020

## Other Certificates

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- Google Cybersecurity Certificate September 2023 – Oct 2023  
Online – Coursera  
Verification Link: [coursera.org/account/accomplishments/professional-cert/BHTWLERZL6EN](https://coursera.org/account/accomplishments/professional-cert/BHTWLERZL6EN)

## Languages

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- English – Fluent

## Hobbies & Interest

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- Sports or fitness activities like football, watching/reading technology content

## Referees

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Available upon request