

# CYPRIAN NDUNG’U NJORGE

## SOFTWARE ENGINEER/DATA ANALYST

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### PROFFESIONAL SUMMARY

Detail-oriented Software Engineer with experience in data analysis, visualization, and software development. Skilled in data cleaning, dashboard development, reporting automation, and QA workflows, with practical experience building ICT solutions and contributing to research projects. Strong communication, problem-solving, and teamwork skills, eager to support United Nations Development Programme’s digital transformation goals with innovative data-driven solutions.

### KEY SKILLS

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- **Frontend Development:** PHP, HTML5, CSS, Bootstrap, Java, JavaScript
- **Backend Development:** MySQL, Object-Oriented Programming
- **Data analysis:** Python, R, STATA, Power BI, data visualization tools (ODK)
- **Tools:** Git, VS Code, Anaconda, Microsoft Office Suite & Teams
- **Documentation:** Requirements gathering, coding, testing, deployment, and technical documentation
- **Soft Skills:** Problem-Solving, Communication, Teamwork, Time Management, Quick Learning, analytical thinking.

### KEY ACHIEVEMENTS

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- Collaborated in building a Visitor Management System([VAMS](#)) with Laravel and MySQL, adding role-based access and real-time check-in/out features to improve security and efficiency.
- Power BI Dashboards (AMREC): Built interactive visual reports and automated refresh processes for project monitoring.
- NGO Website Development ([St. Martin CSA](#)): Built a responsive web application using Laravel, PHP, MySQL, JavaScript, and Tailwind, integrating M-Pesa donation functionality and testimonial features, enhancing user engagement and online fundraising capabilities.

### PROFESSIONAL EXPERIENCE

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#### Software Developer Intern – AIMSOFT LTD (May 2024 to August 2024)

- Contributed to a Visitor Management System (VAMS) using Laravel & MySQL, applying OOP concepts.
- Implemented role-based access control, authentication, and CRUD operations to improve system reliability.
- Supported testing, debugging, and deployment across backend and frontend

### **Research & Data Analysis Intern - AMREC LTD (May 2025 to August 2025)**

- Data Analysis: Worked on real datasets, performing cleaning, visualization, and statistical analysis using Python, R, and STATA.
- Research & Collaboration: Developed research proposals and presented findings in group projects, applying ethical research methodologies.
- Machine Learning & Visualization: Applied basic ML techniques and visualization tools to extract insights and support decision-making.

### **EDUCATION**

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Masinde Muliro University of Science and Technology, Kakamega

**Bachelor of Science** Information Technology and Mathematics

September 2021 - August 2025.

### **CERTIFICATIONS**

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- Data Analysis Certification: R, STATA, Power BI, Python, Dedoose[(AMREC Ltd- 2025]
- Certificate in Proposal Writing & Mobile Application Tools (ODK, Commcare) [ AMREC Ltd – 2025]

### **REFERENCES**

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- Available Upon Request.