

WANDOWA TITUS

Computer Scientist | Software Developer | AI & Data Analytics Enthusiast

Dar es Salaam, Tanzania | +255 686 098 725 | wandowatitus73@gmail.com

Portfolio: portfolio.wandowatitus.co.tz/projects

CAREER PROFILE

Computer Scientist and Software Developer with practical experience in full-stack web development, artificial intelligence, data analytics, system administration, and networking. Currently working as a Software Developer at Betatq Company Limited, with experience developing scalable web applications, training AI models for football analytics, analysing complex datasets, managing hosting infrastructures, and administering domain services. Skilled in Laravel, PHP, Python, JavaScript, MySQL, Flutter, Git, Linux, and cloud-based technologies. Passionate about leveraging technology and innovation to solve real-world problems and deliver impactful digital solutions.

TECHNICAL SKILLS

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|----------------|--------------|----------------|
| ▪ PHP | ▪ HTML5 | ▪ CSS3 |
| ▪ Python | ▪ MySQL | ▪ Git & GitHub |
| ▪ JavaScript | ▪ Laravel | ▪ Flutter |
| ▪ WordPress | ▪ cPanel | ▪ Figma |
| ▪ Blynk Cloud | ▪ Networking | ▪ SEO |
| ▪ UI/UX Design | ▪ Linux | |

PROFESSIONAL EXPERIENCE

Software Developer — Betatq Company Limited

Nov 2025 – Present

Dar es Salaam, Tanzania

- Develop and maintain full-stack web applications using Laravel, JavaScript, and MySQL.
- Analyse large datasets and generate actionable insights through data analytics techniques.
- Build and train machine learning models for football performance analysis and prediction.
- Develop APIs and integrate third-party services into enterprise applications.

Tutorial Assistant — National Institute of Transport (NIT)

Nov 2025 – Mar 2026

Dar es Salaam, Tanzania

System Administrator & Domain Services Officer — NetPoa Company Limited

May 2024 – Oct 2025

- Domain registration and management.
- Web hosting administration.
- DNS and email configuration.
- Customer technical support.
- Server and website management.

Freelance Full-Stack Developer — My Doctor TZ

Feb 2025 – Feb 2026

Website: mydoctor.co.tz

Freelance Full-Stack Developer — Xander Creative

Oct 2024 – Dec 2024

Website: xandercreative.co.tz

Industrial Practical Training (IPT) — NetPoa

Jul 2024 – Oct 2024

- Managed domain registration and hosting services.
- Deployed and maintained websites using cPanel.
- Built and customized WordPress websites.
- Provided customer technical support and account management.
- Assisted clients with hosting and deployment solutions.

Industrial Practical Training (IPT) — TTCL

Jul 2023 – Oct 2023

- Configured routers and switches.
- Participated in network surveying and planning.

- Assisted in fibre optic cable splicing.
- Provided technical support to customers.
- Worked with engineers to troubleshoot network issues.

KEY PROJECTS

AI-Powered Passenger Flow Monitoring System (Final Year Project) Dec 2024 – Mar 2026

Technologies: RFID, NodeMCU, IoT, AI, Flutter, Blynk Cloud

- Developed a real-time passenger monitoring system.
- Collected passenger data using RFID and embedded devices.
- Integrated Blynk Cloud for real-time monitoring.
- Applied machine learning techniques for crowd density prediction.
- Developed dashboards for monitoring and visualization.

Personal Portfolio & Blog Website

Website: wandowatitus.co.tz

- Designed and developed a personal blog platform using WordPress.
- Implemented SEO strategies to improve online visibility.
- Managed hosting, deployment, and content publishing.

EDUCATION BACKGROUND

Bachelor of Computer Science 2022 – 2025

National Institute of Transport (NIT), Dar es Salaam

Advanced Certificate of Secondary Education (ACSEE) 2020 – 2022

Bwiru Girls High School

Certificate of Secondary Education (CSEE) 2016 – 2019

Ailanga Lutheran Junior Seminary

Primary School Education 2008 – 2014

Mwadui Anglican Primary School

LANGUAGES

- Swahili — Fluent
- English — Fluent

REFEREES

Dr. Angela-Aida K. Runyoro

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