



DANIEL MAWALLA

- 📍 Dar-es-salaam Tanzania
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SUMMARY

Motivated university student with a strong academic background seeking a part-time software developer role. Quick learner with strong problem-solving and analytical abilities, and a passion for staying up-to-date with the latest industry trends and technologies. Looking to leverage my skills and experience to contribute to the success of a dynamic and innovative organization.

SKILLS

- Web Developer
- Automation using Python
- Deployment and Maintenance (DevOps)
- Web Security
- Git & GitHub
- Microcontrollers(Arduino)
- Multi-processing and Multi-threading
- Languages- Python, Javascript/Typescript, Java, C, C++
- Databases- SQL(MySQL, PostgreSQL) & NoSQL(MongoDB, Firebase)
- Frameworks (Django, Flask, Express.js, Next.js)
- Web Stack- MERN (MongoDB, Express.js, React.js, Node.js)
- API design - REST API, Tool- Postman
- Documentation- Swagger UI
- Cloud - AWS, Render, Netlify
- Others- Leadership

EXPERIENCE

GitHub Campus Expert & Postman Student Leader (2023 - Current)

Passionate about building technical communities, organized workshops and events, educated students on tools like GitHub and Postman, planned hackathons and bootcamps, provided mentorship, collaborated with campus leaders, managed resources, promoted open source contributions, and offered technical support to fellow student.

Backend Engineer, 11/2024 - Current

Skyconnect Tanzania Company, (<https://skyconnect.co.tz>)

Developed robust APIs using Django and Django Rest Framework for seamless integration between the front-end and back-end systems.

PROJECT INTERN, 05/2023 - 08/2023

Medikea Company, Dar Es Salaam, Tanzania

- Collaborated with the front-end team to create efficient and user-friendly interfaces using React and Angular frameworks.

PROJECT FELLOW, 12/2021 - Current

UDICTI (ICT Incubator) Community, Dar Es Salaam, Tanzania

- Participates in group projects focused on developing solutions for industry-specific problems, communicating regularly with team members to ensure project milestones were met on time and within budget.

PRACTICAL TRAINEE, 07/2022 - 08/2022

Tanzania Telecommunication Company Limited (TTCL), Arusha, Tanzania

- Configured routers, switches, firewalls and other hardware to deploy and manage LAN, WAN and wireless networks.
- Maintenance of network infrastructure and tracking of network performance.

EDUCATION AND TRAINING

University of Dar Es Salaam, Dar Es Salaam, Tanzania, 10/2021 - Current

Expected to graduate: 10/2026

Bachelor of Science: Computer Engineering And Information Technology

URU SEMINARY, Moshi, Tanzania, 05/2021

High Level Education

Led the Ministry of Food Storage and Supply, Developed strong leadership skills and experience managing food sector

Star High School, Arusha, Tanzania, 10/2018

Ordinary Level Education

Recognized for academic excellence and a passion for innovation through participation in annual science fair competitions hosted by the University of Nelson Mandela from July 2016 to July 2018, winning multiple competitions and receiving certificates of achievement.

Benhard Bendel Primary School, Morogoro, Tanzania, 09/2014

Primary Education

REAL WORLD PROJECTS

Google Scholar Publication Tracker 05/2023 - Current

(https://github.com/fierylion/Google_Scholar_Publications_Scraper) Status: In-Progress

- Developed an automated system to track academic publications for lecturers, streamlining the submission and validation process.
- Utilized web scraping techniques with Selenium to extract publication information from Google Scholar efficiently.
- Implemented multithreading and multiprocessing to enhance the scraping process, ensuring timely retrieval of data.

Dubu Bucket - Revolutionizing Group Contact Saving 04/2023 - Current

(<https://github.com/fierylion/mydubu>) Status: In-Progress

- Developed Dubu Bucket, a system that simplifies contact saving in group chats.
- Prompt members to enter their name and phone number before joining the group, eliminating the need for individual inquiries.
- Converts entered data into vCard format, allowing members to save all group contacts in a single action.

PROFILES

<https://github.com/fierylion>

<https://www.linkedin.com/in/daniel-mawalla/>

https://x.com/daniel_mawalla

