

I am a full-stack software engineer with a passion for crafting exceptional online experiences for users of my products. I thrive on scaling systems, ensuring robust cybersecurity, and shipping reliable applications that deliver. I also actively test system performance to optimize speed and stability.

Work Experience

Senior Software Engineer	JasiTech	March 2024 - Present
Manager		Dodoma, Tanzania
<ul style="list-style-type: none">Increased Project Delivery Efficiency (40%) - Implemented Agile methodologies, streamlining workflows and boosting project delivery efficiency by 40%.Achieved 100% Client Satisfaction - Bridged communication gaps, translating technical complexities for clients using clear language. My full-stack expertise (e.g., Kotlin/Swift,Flutter,Laravel,Golang) ensured projects met technical feasibility and client expectations.Championed Unwavering Quality & Security - Established robust testing practices (including performance) for exceptional app/website performance and user engagement. My cybersecurity knowledge safeguarded client data.Drove Business Growth (2 New Clients/Quarter) - Identified new client opportunities and fostered strong relationships, securing at least 2 new clients per quarter, expanding JasiTech's reach and revenue.Empowered My Team (20% Retention Boost) - Prioritized employee growth through skill enhancement opportunities (e.g., workshops) in relevant programming languages. Cultivated a positive work environment, leading to a 20% increase in employee retention.		
Software Engineer	Remote Jobs	2019 - 2023
Backend & Frontend for Apps & Websites		Online
<ul style="list-style-type: none">Built Great Apps & Websites Remotely: Developed and launched impressive apps and websites while working from home, showing great time management and communication skills.Teamed Up Remotely to Get Things Done: Used online tools to work effectively with others on projects, keeping things on track and on budget.		
Website Developer	Freelancing	2016 - 2018
Website developments		Mbeya, Tanzania
<ul style="list-style-type: none">Freelanced as a Website Developer: Built custom website solutions for clients as a freelance developer, gaining experience in different project types and working independently.Delivered Results as a Freelance Developer: Successfully completed freelance projects for clients, meeting their needs with high-quality websites.		

Technologies and Languages

- Languages: Java, Go, PHP, Kotlin, Rust, C++, Python,JavaScript
- Technologies: MySQL, Postgres, AWS, Git, NodeJS,Flutter,Laravel,Gin,MongoDB,Angular, JakartaEE,WordPress,Flask, Artificial Intelligence Integrations
- Other: Cyber security, Software Testing & UI design & Linux

Education and Certifications

- **Bachelor of Cyber Security & Digital Forensic Engineering**, University of Dodoma, Tanzania. **2022 – Ongoing**
- **Certificate of Cyber Security**, Cisco. **2023**
- **Certificate of completion C++**, Programming Hub. **2019**
- **Certificate of completion Java**, Programming Hub. **2019**
- **Certificate of completion Python**, Programming Hub. **2019**
- **Certificate of completion SEO**, Programming Hub. **2018**
- **Certificate of completion Website Development**, Programming Hub. **2017**

Projects

- **UDOM Timetable App** is the project that made in Flutter and PHP, I started doing at the end of the year 2023, and later released it to Open Source, this is the app that manage the timetable for the students of The University Of Dodoma including the normal classes and exams.
- **Cafeterion & Cafe**, these are actually two apps made with Kotlin, which people can order foods and see the progress of their food on the journey, having pretty UI and good networking on the backend, the app is ensured to work fine even on low internet. And later I remade the Cafeterion in Flutter with great improvements.
- **CSEE Database** is the project that was done under Golang(web scraping), it was able to make a postgres database for results of NECTA CSEE results from 2003-2023, so other developers can use them to make reliable software.
- **Mwakashaki** is the project that is made with Rust(backend) and React(frontend) that enable the engineers to analyze live packets on the website, the website is mainly intergrated with wireshark on the backend using Rust, and some other tools to analyze the packets and networks on the Debian enviroment.
- **Clones**, I was able to make clones of some applications and websites like SR2(The Student Registration System of the University of Dodoma with backend), Tigo App, Helsb App, & Whatsapp web.
- **Chunk System**, I was able to make the NodeJS chunking uploading system that was implemented in some websites.
- **Various Chrome Extensions**, I made various chrome extension such as The chrome extension that was able to bypass the 10fastfingers, also the chrome extension to download the code from dhiwise website for free, also the chrome extension that gives you alerts on the Foreign Exchange.
- **MasterPHP**, I was able to make a PHP Framework that can be used on small projects, giving the project lightweight, bootstraping, and clean code formatting. And I was able to apply it in some little projects.
- **Ujasi**, An Artificial Intelligence that I made with Python, very minimal it has like 7GB so you can easily deploy it like normal container without huge charges. This can help you in your business acting like customer care, unlike other AIs, this is made with one purpose to help customers navigating to your business, It can be interacted in your website, your custom app, Telegram or whatsapp.
- These are some of my Personal projects that you can find in my github account [here](#), If you want to see my client projects that I did you can look on my portfolio website [here](#).

Other Sections

- I am a contributor to open source projects i.e [Nuru programming Language](#).
- I am top programmer in Tanzania according to GitHub statistics, you can see the list [here](#).
- **Courses** – I have also taken some coarses in SEOs, Cyber Security & Team Management.
- I also CTF writer, I write the CTF writing i.e in 3 days more than 15K people viewed this [writing](#).
- Also from **2023-Now**, I founded the [web club team](#) and I'm still the chair person at The University Of Dodoma.
- I also write vulnerability reports, i.e recently I wrote some to cpage.co.tz website.

Interests

- I like coding. I have learnt more than 20 languages it's fun!
- I like classical music. My favorite composer is Wolfgang Amadeus Mozart, and my favorite opera is from Bach (Jesu, Joy of Man's Desiring). I also play acoustic guitar.
- I like philosophy much if it could happen that I would be in Coding then I could be a philosopher.
- My favourite sport is Basketball.