

Haji Bamsi

FULL-STACK WEB DEVELOPER

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PROFESSIONAL SUMMARY

A highly resourceful individual with over ten years of experience in Tanzania working on various information systems initiatives. He designed, tested, and deployed a Web-Based Planning and Reporting System (PlanRep) for Local Government Authorities, which he managed, architected, and participated in.

EXPERIENCE

Microverse, Remote

Student | March 2022 – In progress

- Mentoring junior web developers, providing technical support through code reviews.
- Providing advice and recommendations on staying motivated and in the program for as long as possible.

Ministry of Local Government, Dodoma, Tanzania

Acting Assistant Director of ICT | Aug 2018 – July 2019

- I was involved in the design, development, and deployment of the Electronic Medical Record system, which is utilized in over a thousand Tanzanian facilities.
- I participated in designing, developing, and deploying the planning, budgeting, and reporting system (Planrep) used by 185 local authorities in Tanzania.

EDUCATION

Microverse | March 2022 – In progress

Remote Full-stack Web Development Program, *Full Time*

- Spending 8 hours a day mastering algorithms, data structures, and full-stack development while simultaneously developing projects with HTML, CSS, CSS frameworks, Javascript, React, and Redux.
- Developing skills in remote pair-programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

University of Dodoma | Sept 2013 – Nov 2015

MSc in Computer science, Artificial Intelligence

- Unpublished Research titled "Development of a rule-based grammar checker for the Swahili language."

PROJECTS

Planning and budgeting system used by local governments in Tanzania (Built with Laravel & Angularjs).

Space Travelers hub that provides commercial and scientific space travel services (Built with React & Redux)

"Math magicians" is a website for all fans of mathematics. It is a Single Page App (SPA) that allows users to make simple calculations (Built with React & Redux)

The school management system is designed to manage school operations including student Registration, Student Academic Performance, Student Fees, Payment Management, Parent feedback, and Notice Board. (Built with Laravel & Angularjs)

SKILLS

Front-End: JavaScript, React, Redux, jQuery, HTML5, CSS3.

Back-End: PHP, Ruby, Rails, MySQL.

Tools & Methods: Git, GitHub, Heroku, Netlify, Mobile/Responsive Development, RSpec, TDD, Chrome Dev Tools.

Professional: Remote pair-programming, Teamwork, Mentoring.