BARISIGARA SIMON
Rubaga, Kampala Uganda

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Personal profile.

Barisigara Simon is a dedicated and motivated individual and Software Engineer with a strong foundation in software development, web technologies, and problem-solving. I have hands-on experience in building and maintaining web applications, implementing software solutions, and working with databases. I am eager to apply my technical skills and knowledge in a professional setting to contribute to innovative projects and further my growth as a software engineer. I am also a quick learner, a strong team player, and adaptable to new challenges.

Formal Education and Training

Graduate Training
Tricsoft Technologies Ltd

Makerere University	Kampala, Uganda
Bachelor in Software Engineering	Aug. 2021 – June. 2025
Uganda Institute of Information and Communications Technology	Nakawa, Uganda
Diploma in Computer Science	Aug. 2022 – June. 2025
Namirembe Hillside High School	Wakiso, Uganda
Uganda Advanced Certificate of Education	Jan. 2019 – May. 2021

Skills and Knowledge

- **Programming Languages:** Python, PHP, C, Java
- **Web Development:** HTML, CSS, JavaScript, Laravel, Django
- **Database Management:** MySQL, MS Access
- **Mobile development:** Flutter and Kotlin
- **Software Development:** Agile Methodologies, Version Control (Git)
- **Problem Solving:** Debugging, Troubleshooting, Algorithm Design and Testing
- **Tools:** Git, Visual Studio Code, Nano, Docker,
- **Soft Skills:** Strong Communication, Team Collaboration, Time Management
- **Microsoft office**
- **Analysis of data** using Python Libraries and MS Excel
- **Attention to detail**
- **Critical thinking**
- **Communication and interpersonal skills**.

Projects and Experience

Graduate Training
I undertook a four months graduate training at Tricsoft technologies ltd January to May 2025, to gain practical and handson skills in software development.
During this period, I was trained on how to build commercial websites and designing and implementing web applications that can compete on the market. I learnt how to deploy websites and web applications and build CI/CD pipelines for them.

I also gained skills in containerization of applications using Dockers and Kubernetes and deploying them to production.
I gained skills in proper database management in MySQL and PostgreSQL, and optimize them for proper data management.

ICT Support Intern
Ministry of Energy And Mineral Development — Kampala, Uganda
May. 2024 – July. 2024
Supervisor: Mr. Kaddu Kizza Disan
- Assisted in the development and maintenance of internal web applications using HTML, CSS, and PHP.
- Gained experience in networking concepts and troubleshooting hardware/software issues.
- Collaborated with the IT team to enhance the functionality and user interface of existing web tools.
- Provided support in resolving technical issues and optimizing website performance.

Software Development Project
Makerere University
Jan. 2022 – Present

- Worked on a team project to develop a student management system for the university.
- Implemented backend functionalities using Python and Django, and frontend with HTML and CSS.
- Managed the project using Agile methodologies, including daily stand-ups.
- Contributed to database design and API integration, ensuring seamless communication between the frontend and backend.
- Designed and implemented machine learning models for fingerprint recognition

  system All available on my GitHub repositories

GitHub link: My Repositories (github.com)
Personal blog

References

Dr. Kimbugwe Nasser	Mr. Lule Emmanuel	Mr. Murungi Mourice
Academic Supervisor	Academic Supervisor	CTO
Makerere University	Makerere University	Tricsoft Techonologies
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