## BSc, Awakhiwe Khabo, Full-stack Engineer

Wolverhampton, West, Midlands, +447467286212, <u>awakhiwekhabo@gmail.com</u>

Awakhiwe Khabo | Github | LinkedIn

Personal Details	Driver's license: <b>Cars</b> Full right to work in the UK: <b>Yes</b> Highest Level of Education: BSc in Computer Science		
PROFILE	scalable web applications JavaScript, I thrive in collab	Software Engineer with over 2 years of experien and innovative software solutions. Proficient ir porative environments and have a proven ability t es. I am eager to contribute to impactful softwa	C#, Python, and o adapt quickly to
SKILLS	Technical Skills Programming languages: Frontend development: Backend frameworks: Database management: Tools and technologies: Cloud services:	C#, Python, JavaScript, PHP, SQL HTML5, CSS3, Bootstrap, React, Vue.js ASP.NET, Flask for building RESTful APIs and sc PostgreSQL, MySQL, Microsoft SQL Server GitHub, Docker, Agile methodologies, API Integ Scalable deployment	
	Problem-solving:AnaOrganisation:SkillTeamwork:Coll	ctive communicator in diverse environments. lytical thinker with a focus on innovative solutions ed in task prioritisation and meeting deadlines. aborative team player with a flexible and adaptabl apt quickly to new tools and technologies	
EMPLOYMENT HISTORY TECHNICAL ROLES Feb 2023 – Mar 2024	<ul> <li>Full-stack Engineer, IT Career Switch Remote, UK</li> <li>Built mobile first, responsive web applications using Bootstrap, JavaScript, and PHP.</li> <li>Managed databases with MySQL and PostgreSQL, ensuring data integrity.</li> <li>Completed two real-world projects: Gazetteer and Company Directory, showcasing API integration and dynamic data handling.</li> <li>Integrated APIs for real-time data updates and dynamic content.</li> <li>Collaborated in an Agile team, delivered high-quality projects on time.</li> </ul>		Remote, UK
Jan 2020 – Dec 2021	<ul><li>and Microsoft SQL Se</li><li>Built and maintained</li></ul>	# applications using ASP.NET, Entity Framework, rver, improving system scalability. web applications in Python, leveraging Flask and ient database management and reducing code	Bulawayo, ZW

	<ul> <li>Implemented and managed databases like Microsoft SQL Server, MySQL, and PostgreSQL, optimizing data storage and retrieval processes.</li> </ul>	
	<ul> <li>Conducted thorough code reviews and wrote unit tests, improving code quality and reliability by 30%.</li> </ul>	
	<ul> <li>Utilised cloud services for deployment, scaling, and efficient management of web applications, reducing infrastructure costs.</li> </ul>	
	management of web applications, reducing infrastructure costs.	
Aug 2018 — July 2019	<ul> <li>Software Developer, Soft-IT Consultants International</li> <li>Designed, built, and maintained efficient, reusable, and reliable C#</li> </ul>	Bulawayo, ZW
	code.	
	Expertise in software architecture and programming.	
	<ul> <li>Translated application storyboards and use cases into functional applications.</li> </ul>	
	<ul> <li>Led research initiatives leveraging AI for customer engagement.</li> </ul>	
	<ul> <li>Identified and resolved bottlenecks and bugs, improving application performance by 30%.</li> </ul>	
	• Provided user support on-site and remotely, resolving 90% of issues in the first interaction.	
May 2016 – Apr 2017	Assistant Database Officer, World Vision Zimbabwe	Bulawayo, ZW
	<ul> <li>Installed and configured over 10 databases, ensuring 99% uptime and seamless operation.</li> </ul>	
	<ul> <li>Conducted user training for 50+ individuals on software tools, resolving 90% of issues on first contact.</li> </ul>	
	<ul> <li>Implemented backup and recovery strategies, achieving 100% data integrity.</li> </ul>	
	<ul> <li>Analysed data trends to inform decision-making, improving process efficiency by 20%.</li> </ul>	
	<ul> <li>Monitored and optimized database performance, boosting query response times by 15%.</li> </ul>	
Jan 2014 – Dec 2014	Computer Technician, Lupane State University	Bulawayo, ZW
NON-TECHNICAL ROLES		
Feb 2023 - Present	Senior Healthcare Assistant, Care UK	Wolverhampton,
	<ul> <li>Team lead, delegation, mentoring, and resource allocation.</li> <li>Managing time and prioritising tasks.</li> </ul>	West Midlands
	<ul> <li>Communicating effectively with diverse teams.</li> </ul>	
	• Adapt and work well with care providers in training and daily tasks.	
July 2022 – Jan 2023	Healthcare Assistant, Busi Healthcare	Canterbury, Kent
	<ul><li>Teamwork</li><li>Task prioritisation.</li></ul>	
	<ul> <li>Maintained detailed records, ensuring compliance and fostering team</li> </ul>	
	communication.	
Feb 2022 – June 2022	Tracking Systems Officer, Unifreight Africa Ltd	Harare, ZW
	<ul> <li>Maintain logistics tracking systems, ensuring data accuracy and reliability.</li> </ul>	
	Generating regular reports on key performance indicators (KPIs)	
	<ul> <li>Management of Tracking Unit Faults and Repairs</li> </ul>	

## EDUCATION

2016 - 2020	BSc Computer Science   National University of Science and Technology   2:1	Bulawayo, ZW
2012 - 2015	National Diploma in I.T   Bulawayo Polytechnic   Credit	Bulawayo, ZW

## **RECENT PROJECTS**

Jan 2025 -	Nearby-Services: A backend service written in C# for calculating proximity, nearby service providers in real-
Present	time using geolocation data. Designed to support mobile-first applications, this service performs real-time
	location tracking, geocoding, and distance calculations.

https://github.com/Awakhiwekyle/nearby-services

Dec 2023 **Company Directory** A user-friendly web app designed to streamline and improve organizational structure and communication. Built with Bootstrap, JavaScript, jQuery, PHP, Ajax, and MySQL.

https://awakhiwekhabo.co.uk/companydirectory/

Oct 2023 **Gazetteer**: A web application for exploring geographical, demographic, climatic, and cultural data through API integration with third-party services. Built with Bootstrap, Leaflet JS, JavaScript, jQuery, PHP, and Ajax, it features real-time updates and interactive data visualization for enhanced user experience.

Demonstrates proficiency in integrating diverse APIs and creating intuitive user experiences with scalable and maintainable code.

https://awakhiwekhabo.co.uk/gazetteer/