Bongani Melembe
Software Engineer

- Name: [Bongani Melembe](#)
- Location: South Africa (willing to relocate)
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- Portfolio: [Bongani-Portfolio](#)

Summary:

I'm a seasoned Senior Software Engineer with over five years of expertise in web and mobile application development, proficient in **JavaScript, React.js, TypeScript, VueJS, SQL**, REST API, Third-Party API, SharePoint, Agile methodologies, IBM cloud and **Azure Web Services**. My track record includes successful projects, specializing in SQL templates, web applications, **low-code development with OutSystems, and CMS platforms like WordPress, Shopify, and HubSpot**. As a lead developer at XITDevs Software Development, I excel in UI/UX design, responsive web development, and SEO optimization. Managing overlapping timelines has accelerated my growth in front-end and back-end skills, adaptability, and commitment to professional growth. I have developed a strong foundation in team collaboration, task tracking, and **project management using tools like Trello, Jira, Slack and ClickUp**. These tools have enhanced my ability to drive project outcomes, manage resources, and communicate effectively within cross-functional teams. *I am currently learning Technical Project Management and aspire to transition into a Junior Technical PM role.*

Work Experience:

Front-End Developer | WordPress Developer
Flint Studio – Bryanston, South Africa
October 2024 to Present

Role: At Flint Studio, I work as a Front-End Developer focusing on building and maintaining WordPress websites using advanced tools and techniques, including developing Custom Themes and Plugins, Advanced Custom Fields, and headless CMS setups. *I also work in collaboration with multiple teams, utilizing Slack to facilitate communication and ClickUp for comprehensive project management and task tracking.* Additionally, I utilize no-code platforms like Unbounce for rapid front-end development and manage existing sites using tools like ManageWP, Xneelo, and FileZilla.

Responsibilities:

- Create and maintain advanced WordPress websites using Advanced Custom Fields and headless CMS architecture.
- Utilize Unbounce for no-code front-end development to build efficient and responsive web pages.
- Perform housekeeping and maintenance on existing websites using ManageWP.
- Manage server setups and configurations via Xneelo.
- Utilize FTP clients like FileZilla for secure file transfers and site updates.
- Troubleshoot and resolve website issues promptly to ensure optimal performance and user experience.
- Collaborate across teams using Slack for real-time communication, facilitating quick decision-making and ensuring project timelines are met.
- Manage projects effectively using ClickUp to track tasks, assign responsibilities, set deadlines, and monitor progress to ensure smooth workflow and timely delivery.
- Collaborate with team members to enhance workflows and streamline development processes.

Projects developed/maintained:

[Actuate.ai](#)	[Actuate AI](#)	[GuardRisk](#)
[Adviceworx.co.za](#)	[SSS-Africa](#)	[EuroGruard](#)
[De Toren](#)	[Tamela](#)	[Yamato](#)

React & WordPress Developer | Full Stack Developer
Haven Business Projects - Randburg, South Africa
March 2024 to March 2025

Role: I leverage IBM Cloud and Azure Web Services to build and deploy scalable, secure web applications. I utilize modern web technologies, including HTML5, CSS3, MUI, and JavaScript frameworks like React and Vue.js. My responsibilities also include systems architecture, building relational databases, and integrating third-party APIs while developing custom APIs.

Responsibility:
- Collaborate with the development team to design, implement, and enhance software solutions, focusing on both front-end and back-end development.
- Improve UI/UX designs and manage database architecture.
- Develop and optimize applications like Smartups, TaxTracker, & Business Diagnostic for speed, scalability, & security.
- Develop and maintain FinTech software and websites for their sister company M&A.
- Deploy and manage applications and databases using **IBM Cloud** and **Azure Web Services**, ensuring optimal performance and reliability.
- Debug software issues and conduct code reviews to ensure high-quality deliverables.

Projects developed/maintained:

Haven-Business-Projects   Tax-Tracker   Business Diagnostic

Template | SQL Developer
RiscSoft UK - Southampton, England
October 2022 to September 2024

Role: As an SQL Developer at RiscSoft, I worked closely with Vistra, our largest client, to design and implement custom SQL solutions. Utilizing MS-SQL queries and procedures, I developed tailored templates and workflows that significantly improved organizational productivity, ensuring their stability, reliability, and high performance, and created WordPress sites for RiscSoft clients i.e.: Africa-Sunshine-Art, Carpe-Diem-Ladies

Responsibilities:

- Develop high-quality SQL Templates.
- Utilize SQL to develop and implement procedures and functions.
- Review and interpret ongoing business requirements for successful development of Templates and Workflows.
- Create SQL reports using SSRS tools like MS SQL Server Management Studio & Jira.
- Develop Workflow management using the ViewPoint Dev software.
- Research required data and application triggers and tags.
- Build appropriate and useful workflow deliverables.
- Analyse existing SQL queries for performance improvements and suggest new queries.
- Develop procedures and scripts for Templates.
- Provide timely scheduled management reporting.
- Investigate exceptions and identify bugs.
- Developed and tested SQL queries using MS SQL Server Management Studio and ViewPoint Dev software.

Front-End Bootstrap Developer | Software Engineer
XITDevs Software Development – Gauteng
February 2018 to October 2023

Role: As a Front-End Developer at XITDevs, I specialized in UI/UX development using front-end technologies like XML, HTML, CSS, JavaScript, React, and VueJS. I also implemented SEO best practices to improve website visibility and performance.

Responsibilities:

- Led XITDevs' Software Development as a Front-End Tailwind/Bootstrap/MUI Developer, specializing in UI/UX development and front-end technologies such as XML, HTML, CSS, JavaScript, Jest for JavaScript testing, React, VueJS, REST API, Third-Party API, and WebSocket API.
- Successfully delivered high-quality results on multiple software projects, maintaining a track record of 41 satisfied clients over five years.
- I used Trello for project management and tasks tracking.
- Implemented React SSR SEO best practices, resulting in increased organic traffic and higher search engine rankings for web and mobile applications.
- Conducted keyword research and executed on-page and off-page SEO activities to enhance website visibility and performance.
- Collaborated closely with content creators and developers to ensure the implementation of SEO-friendly content and strategies.
- Monitored website performance using SEO tools and analytics, consistently providing insightful reports and recommendations for improvement.
- Remained up to date with the latest SEO trends and algorithm changes to stay ahead in optimizing for search engines.

Projects developed/maintained:

https://maverick-global-tech.vercel.app/   https://navy-grey-events.vercel.app/

https://shank-salon.vercel.app/   https://personal-portfolio-alvi-x.vercel.app/

Back-End | PHP Developer
Bhelela Technologies - Sandton, Gauteng
March 2021 to July 2022

- Developed and managed a web-based Database Management System for the Department of Basic Education, enabling efficient data management and performing functions such as data creation, retrieval, updating, and deletion for the school's assistants.
- Oversaw the administration and optimization of a PHP-based Learning Management System for AngloGold Ashanti, efficiently capturing and organizing learner information, course data, and learning materials within the database.
- Using Python's Matplotlib library, I generated comprehensive Data Visualizations to provide valuable insights into our Learning Management System.
- I used Trello for managing development tasks and project collaboration.
- Offered 3rd line Support to the Department of Basic Education for password-related problems, system connectivity and providing admin access. Configured, Troubleshot & Repaired all Hardware and Software-related issues.

Education:

Bachelor's Degree in IT		Pearson Institute of Higher Education
Pretoria, Gauteng		(in-progress)
Certificate in Network Engineering Potchefstroom, North West		Pearson Institute of Higher Education
Advanced React & TypeScript		Codecademy
Online Course		
Advanced SQL & NodeSQL		Codecademy, W3Schools
Online Course		
Technical Project Management		Alison Self-Study (in-progress)
Online Course		

Skills:

Programming Languages:
- JavaScript (5 years)
- Jest JavaScript Testing
- TypeScript (3 years)
- Java (2 years)
- Python (1 year)

Web Development:
- React.js (4 years)
- React Native (Less than 1 year)
- Bootstrap (HTML5, CSS3, JavaScript) (5 years)
- Tailwind (Less than 1 year)
- Material UI (Less than 1 year)
- HTMX (Less than 1 year)
- Vue.js (1 year)
- REST API (1 ½ years)
- JSON & XML databases (3 years)
- NodeJS (3 years)
- CMS platforms (2 years)
- SEO (DataForSeo)
- WordPress (3 years)
- SharePoint (1 ½ years)

Databases:
- MySQL (4 years)
- Microsoft SQL Server (3 years)
- SQL Automated Templates
- Database Management (CRUD Operations)

Development Tools:
- AI Prompt Engineering (2 years)
- OutSystems (2 years)
- GitHub (4 years)
- Jira (3 years)
- Trello (3 years)
- ClickUp (2 year)
- Slack (2 year)
- UML (3 years)
- ManageWP (2 year)
- FileZilla (2 year)

Methodologies:
- Agile Development Life Cycle - Scrum (4 years)
- SDLC - System Development Process (3 years)
- Unit & Blackbox Testing (2 year)

Portfolio & Projects:
- Professional portfolio - https://bongani-portfolio.vercel.app/
- LinkedIn - https://www.linkedin.com/in/alvi-bongani-melembe/

References available upon request.