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| **Sbusiso Macu** 📧 macumog@gmail.com | 📱 062 661 5599 | 🌐 [Portfolio](https://portfolio-sbusiso-macu-28.vercel.app/) | 💻 [GitHub](https://github.com/MacuSM) | 🔗 [LinkedIn](https://linkedin.com/in/sbusiso-macu-aa31a855) 📍 Johannesburg, South Africa | | |
| **Professional Summary** | | |
| Junior Software Developer passionate about building responsive, user-centered web and mobile applications using React, Node.js and Django. Certified through the FNB App Academy and IT Varsity, with hands-on experience developing full-stack projects from concept to deployment. Drawing on a strong analytical background as an Economics Educator, I bring structure, persistence and problem-solving to every development challenge. Currently seeking to contribute to scalable, high-impact software solutions within a collaborative engineering team. | | |
| **Technical Skills** | | **Professional Skills** |
| * **Frontend Development** React.js (component-based architecture, hooks, routing), Vite, ShadCN UI & Tailwind CSS, HTML5, CSS3, JavaScript (ES6+) * **Backend Development** Node.js & Express.js, Python & Django * **Mobile Development** Capacitor.js, Android Studio & Xcode * **DevOps & Tools** Vercel, CodeMagic, Git & GitHub, npm & Capacitor CLI * **Additional Skills** RESTful APIs, Data Management, Debugging & Testing | | * Analytical and troubleshooting skills (including debugging code) * Utilized strong verbal communication skills to explain complex economic concepts to diverse learners. * Demonstrated project management and adaptability by developing and revising lesson plans based on student performance data. * Work ethic, professionalism and accountability * Teamwork, collaboration and conflict resolution * Interpersonal and emotional intelligence * Continuous learning and growth mindset |
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| **Development Project** | | |
| **Amangwane High School Portal – (Full-Stack Project | 2025) Live Demo:** <https://amangwane-high-school.vercel.app/> **Tech Stack:** React.js, Vite, ShadCN UI, Node.js, Capacitor.js, CodeMagic, Android Studio, HTML5, CSS3   * **Architected and launched a cross-platform mobile and web portal, serving a community of 500+ students, staff, and parents and centralizing access to critical school information.** * **Enabled students, staff, and parents to access announcements, galleries and event updates.** * **Built front-end architecture with React.js and Vite, focusing on scalability and performance.** * **Configured Capacitor.js and CodeMagic for continuous integration and mobile builds.** * **Conducted manual and emulator testing to ensure stable functionality across devices.** * **Strengthened understanding of responsive UI design, mobile optimization and deployment pipelines.** | | |
| **Professional Experience**  **Economics Educator** – Amangwane High School, Bergville, KZN | 05/2016 – Present | | |
| * Taught Economics to Grades 10, 11, and 12. * Developed lesson plans and instructional materials. * Assessed learner performance and provided constructive feedback. * Engaged with parents and stakeholders to support learner success. | | |
| **Education** | | |
| * **Certificate in Full Stack Development** (IT Varsity and FNB App Academy) – 2025 * **Responsive Web Design Certificate** (in progress) – FreeCodeCamp.org (2024 – Present) * **Complete Web Development Course** (in progress – Udemy (2024 – Present) * **Complete Python Bootcamp –** Udemy (2022) * **Postgraduate Certificate in Education (PGCE)** – University of South Africa (2015) * **Bachelor of Arts (Economics & Business Management)** – University of the Free State (2011) * **National Senior Certificate** – Amangwane High School (2007) | | |
| **References** | | |
| **Mr. S. Shabalala** – Java Developer, ABSA 📧 sabelonquko@gmail.com | 📱082 514 0951 | **Ms. G. N. P. Khumalo** – Departmental Head, Amangwane High School 📧 gnpkhum@gmail.com | 📱082 325 9793 | |