Nkurisani Austin Mabasa

Junior Full-Stack Developer | Full-Stack Web Developer

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PROFESSIONAL SUMMARY

Full-stack software developer and final-year IT student who builds and deploys production web applications in React, Node.js, JavaScript, PHP, and MySQL. Recently shipped Assistant Sona, a live AI-powered productivity platform, and placed 2nd at HackDisrupt 2025 leading full-stack development of a complete MVP. Google AI Essentials certified, with working experience in REST APIs, relational database design, Agile delivery, and Git. Seeking a junior developer role, graduate programme, or WIL placement.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), PHP, Python, Java, C++, SQL, HTML5, CSS3

Frameworks & Libraries: React, Node.js, Express.js, Tailwind CSS

Databases: MySQL, MongoDB, SQLite, relational database design

Tools & Deployment: Git, GitHub, GitHub Actions (CI/CD), Netlify, VS Code, Postman

AI & Practices: AI integration & prompt engineering, GitHub Copilot, REST APIs, Agile & Scrum, SDLC, unit testing (Jest), code review

SOFTWARE DEVELOPMENT PROJECTS

Assistant Sona — AI Productivity Platform 2026

Capstone Project, CAPACITI AI Skills Accelerator | Live: assistant-sona.netlify.app (undergoing maintenance)

- Designed, built, and deployed a live AI-powered productivity assistant featuring five integrated AI tools, taking the product from concept to working deployment.
- Integrated generative AI capabilities into a functional web application, applying prompt engineering to produce reliable, useful output for real users.
- Delivered as the capstone for the CAPACITI AI Skills Accelerator Programme.

Lobola Link — Digital Agreement & Ledger Platform 2026

Final-Year Group Project, Richfield Graduate Institute of Technology | Phases 1–4 complete, implementation upcoming

- Lead Product Developer in a team of six, building a digital record-keeping platform for lobola negotiations: one shared, dual-confirmed ledger for the agreed amount, payments, and disputes.
- Built the full static site (10+ pages, vanilla JavaScript, no framework) with 202 automated checks passing, a 15-currency calculator, a currency-reactive freemium pricing page, and archives for 7 Southern African traditions.
- Built a role-based prototype (groom, bride, facilitator) demonstrating payment confirmation and dispute flow; wrote the architecture and requirements documentation. Pricing informed by a 40-person survey.

FairGig — Digital Freelance Platform 2025

HackDisrupt 2025 Hackathon — 2nd Place | Live: fairgig.netlify.app

- Led full-stack development of a digital freelance marketplace in PHP, MySQL, and Tailwind CSS, delivering a complete MVP that placed 2nd out of all competing teams.
- Built secure user authentication, the relational database schema, and responsive UI components across the full stack.
- Worked in an Agile team: daily stand-ups, sprint planning, code reviews, and Git version control via GitHub.

Personal Portfolio Website — React Application 2024

Self-Initiated | Live: austinnmabasa.netlify.app

- Designed, built, and deployed a responsive React portfolio, improving page load performance by ~35% through asset optimisation and lazy loading.
- Used component-based architecture with React hooks and a mobile-first responsive layout.

- Set up continuous deployment from GitHub to Netlify with automated builds on every commit.

Secure Authentication System — PHP / MySQL 2024
Academic Project | Richfield Graduate Institute of Technology

- Built a login and registration system with server-side validation, session management, and CSRF protection, applying OWASP practices against SQL injection and cross-site scripting.

PROFESSIONAL EXPERIENCE

Web Development Trainee Jun 2024 – Jul 2024
FNB App Academy, First National Bank | Johannesburg

- Completed structured industry training in full-stack web development, Agile workflows, debugging, and Git version control.
- Collaborated on team projects simulating real development sprints, including code reviews and iterative delivery.
- Gained hands-on experience with REST API integration and responsive UI development.

Information Desk Assistant Oct 2024, Apr 2026, Oct 2026
Back to the City Festival, Rituals Media Group | Johannesburg | Temporary contracts

- Assisted an estimated 1,000+ festival guests at the information desk with directions and event information, and collected signatures.
- On my own initiative, designed a SQLite lost-and-found tracking database as a proposed solution to a recurring problem I noticed. It was outside my contract and was not deployed.
- Re-engaged for three temporary festival contracts: Back to the City (Oct 2024), Resistance Fest (Apr 2026), and Back to the City (Oct 2026).

EDUCATION

Diploma in Information Technology (NQF Level 6) 2024 – 2026
Richfield Graduate Institute of Technology | Johannesburg

- Final year. Academic average: 75.60% (Year 1), 71.90% (Year 2).
- Key modules: Software Engineering, Programming, Database Systems, Internet Programming, Systems Analysis, IT Project Management.

National Senior Certificate (NQF Level 4) 2023
Dinwiddie High School | Germiston, Gauteng

CERTIFICATIONS & ACHIEVEMENTS

- Google AI Essentials Certificate — Google via Coursera (2026). Five-course specialisation in AI tools, prompt engineering, and responsible AI use.
- CAPACITI AI Skills Accelerator Programme — completed with deployed capstone project (2026).
- 2nd Place — HackDisrupt Hackathon 2025, Johannesburg.
- FNB App Academy Certificate of Completion — Web Development and Agile (2024).

CURRENTLY STUDYING

- AWS Cloud Practitioner — working toward certification.

REFERENCES

Robert Miyayisi — Deputy Chief Education Specialist, Gauteng Department of Education | 084 200 9101
Phumela Memani — Info Desk Coordinator, Rituals Media Group | 084 808 9381
Mishi Makada — IT Lecturer, Richfield Graduate Institute of Technology | 083 740 2071