|  |  |  |
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| PERSON DETAILS | | ABOUT ME |
| profile picture  SHIKO  MATLALA  SOFTWARE DEVELOPER | @ with solid fill [shikomatlala@gmail.com](mailto:shikomatlala@gmail.com) | **Diploma** in Software development from the Tshwane University of Technology.  **6** **months** of professional experience in **Angular**, and **NodeJS** development.  I am experienced in **C++**, **MySQL**, **C#,** **PHP**, and **JavaScript** as a result of my diploma in software development. |
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| WORK | SKILL DEVELOPED | ROLES | ORGANIZATION | REFERENCE | START - END |
| Software Developer | • Agile Development Methodology.  • Angular (Frontend Development).  • NodeJS (Backend development).  • Team building skills. | • Leader of the software developer team.  • Cooperate with designers to create UI & UX design.  • Develop project concepts and maintain optimal workflow.  • Communicate with product Owner to refine system requirements.  • Create detailed development tasks for frontend and backend developers.  • Design, document, and implementation of the database.  • Maintaining a sound collaboration on GitHub. | ICEP  **Marker with solid fill**  **Pretoria**  <https://www.icep.co.za/> | Cynthia Maseko  **Office Administrator**  (012 382 9598)  Kabelo Malatji  **Project Manager**  (061 413 8736) | Jan 2022 – June 2022 (**6 Months**) |
| Developer Tutor | • Building applications by using PHP, JavaScript, HTML, and CSS. | • Help students through the system analysis and design process.  • Coding web applications.  • Hosting web applications on AWS.  • Helping students use GitHub for version control. | Self Employed  **Marker with solid fill**  **Pretoria** | Wisani Cuma  **Business Partner**  (071 391 6707) | Jan 2021 **-**  Jan 2022 (**1 Year**) |
| Missionary | • Developed a heart to serve other people. | • Assisting in community projects.  • Inviting others to come unto Christ.  • Identifying households that are in need of necessities and assisting them.  • Assisting smokers to quit smoking.  • Leading other missionaries in carrying out their duties | The Church of Jesus Christ of Latter Day-Saints  **Marker with solid fill**  **KZN, Lesotho, Free State** | **Office Administrator**  (031 267 0251) | Jun 2014 **-**  Jun 2016 (**2 Years**) |

**WORK EXPERIENCE & VOLUNTARY WORK**

**MY PROJECT PORTFOLIO**

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| NAME | DESCRIPTION | TOOLS USED | SOURCE |
| ResearcherDNA | ResearcherDNA is an umbrella term for developing research knowledge, skills, aptitude, and abilities that equip a researcher to plan, develop and reproduce scientific output and to act as a supervisor for postgraduate students. | NodeJS (Framework)  Angular (Framework)  Bootstrap  MySQL  JavaScript  HTML  CSS | GitHub  <https://github.com/ICEP-DEV/Research-App_UI.git>  <https://github.com/ICEP-DEV/Research-App_BE.git> |
| Online Livestock Bidding System | A web-based application that helps users buy or sell livestock online.  The system is complete with real-time online bidding.  Sellers upload videos of their livestock and create the auction.  Buyers view livestock videos and place bids.  The system performs all important validations and allows a standard online bidding procedure. | PHP  MySQL  JavaScript (Focusing on **AJAX**)  HTML  CSS  AWS | GitHub  <https://github.com/shikomatlala/BiddingSystem.git> |
| Recommendation Letter System | This system is created for **TUT Work Integrated Learning Coordinators** the system allows coordinators to upload a list of students who qualify for Work Integrated Learning (WIL) upon which the system creates WIL letters edited with the students’ information.  Students will then receive emails and download the letters to submit to companies for their WIL application | PHP  MySQL  JavaScript (Focusing on **AJAX**)  HTML  CSS  AWS | GitHub  <https://github.com/shikomatlala/rl-system.git> |
| DSO Grouping System | This system is aimed at helping lecturers manage student groups by automatically creating groups for lecturers, students are grouped by the system based on their academic level.  Students and Lecturers can interact with the system. | PHP  HTML  SQL  UML  MySQL  JavaScript  AJAX | GitHub  <https://github.com/shikomatlala/grouping_system.git>  website  <http://dsogroupingsystem.bitnamiapp.com/system_grouping/users/grouping_system/users/admin/home/admin_portal.php> |
| Orny’s Shop | A Desktop Application aimed at helping small businesses sell and manage their stock. | Embarcadero C++ Builder  C++  Microsoft Access Database | GitHub  https://github.com/shikomatlala/Orny-s-System.git |

**KEY SKILLS**

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| --- | --- | --- | --- | --- |
| SKILL | WHAT I CAN DO | | | |
| WEB DEVELOPMENT | | | | |
| Angular | Create dynamic web applications.  Create Angular Services to connect to API services.  Style application using **Bootstrap**.  Style application using **Angular Material**. | | | |
| JavaScript | Fundamentals of JavaScript Programming.  Event-driven programming.  DOM manipulation.  AJAX. | | | |
| NodeJS | Connect to MySQL  Create APIs  Make use of popular modules such as **sequelize**, **express**,and more | | | |
| HTML |  | | | |
| CSS |  | | | |
| BACKEND AND DESKTOP DEVELOPMENT | | | | |
| C++ | Fundamentals of C++ Programming  Object-Oriented Programming  Event-driven programming  Capable of building desktop applications with Embarcadero’s C++ Builder | | | |
| MySQL | Database design (3 Normal Form).  Database implementation.  MySQL Functions  MySQL Procedures | | | |
| SQL (Oracle 9*i*) | SQL | | | |
| PL/SQL | | | |
| SYSTEM DEVELOPMENT METHODOLOGIES AND OTHER SKILLS | | | | |
| SDLC | Systems Planning | | | |
| Systems Analysis | | | |
| System Design | | | |
| Database design | Database concepts | | | |
| Design Concepts | | | |
| Project management | Project scope management  Project time management  Project cost management  Project quality management  Project communications management | | | |
| UML | Identifying user stories and use cases  Domain modeling  Use case modeling  Class diagrams  State machine diagram  Activity diagram | | | |
| GitHub | Creating and Cloning repositories  Collaborating with other developer’s company repositories  Merging conflicts | | | |
| Typing Skill | 68 WPM (average) | | | |
| KEYSTROKE | ACCURACY | CORRECT WORDS | WRONG WORDS |
| 368 (328|40) | 89.17% | 64 | 4 |
| MS Office | MS WORD | MS EXCEL | MS ACCESS | MS POWERPOINT |
| Very Good | OK | Very Good | Good |

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| CERTIFICATION | SCHOOL NAME | SPECIALIZATION | STATUS |
| Diploma | Tshwane University of Technology | Development Software | Pending current Internship completion |
| Senior Certificate | Setumo Khiba High | Math & Science | 2013 |

**HIGHER CERTIFICATE**

**SOCIAL MEDIA & WORK ACCOUNTS**

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| YouTube | <https://www.youtube.com/channel/UC89q1qCFWYLk0zdzeEDJF3A/playlists>  (Here I share knowledge with my fellow students) |
| GitHub | <https://github.com/shikomatlala> |
| Linked-In | [www.linkedin.com/in/shiko-matlala-333436146](http://www.linkedin.com/in/shiko-matlala-333436146) |