

PRINCE NGWAKO MASHUMU

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Github: <https://github.com/princemashumu>

Portfolio <https://princemashumuportfolio.vercel.app/>

EDUCATION

CODETRIBE ACADEMY (JUNE 2024-DEC 2024)

Digital Solutions Developer

DYNAMIC DNA (SEPT 2023- JAN 2024)

Miscrosoft :Azure Developer Associate

TSHWANE UNIVERSITY OF TECHNOLOGY (2019-2023)

National Diploma: Information Technology

PROTEA GLEN SECONDARY (2013-2018)

National Certificate

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PROTEA GLEN

JOHANNESBURG

1818

SKILLS SUMMARY

- **Algorithms:** C++, JavaScript, TypeScript, C#
- **Prototype:** Expo Go
- **Frontend Development:** HTML5, CSS3, ReactJS, React Native, Tailwind, Material UI
- **Backend Development:** Node.js, Express.js
- **Database Management:** MySQL, MongoDB, SQLite , Firebase. JSON Server
- **Design & UI/UX:** Figma, Affinity Designer
- **Code Version tools:** Git, GitHub, Trello
- **Soft Skills & Problem-Solving:** Logical Thinking, Critical Thinking , SCRUM Methodology
- **Project Management Tool:** Trello

WORK EXPERIENCE

MLab Southern Africa (CodeTribe Internship)

(JUNE 2024-DEC 2024)

Develop & Debug Web & Mobile Applications

Full-Stack Development – Building complete applications with front-end (React, Vue) and back-end (Node.js, Firebase).

Performance & Debugging – Optimizing speed with caching, lazy loading, and using DevTools for debugging.

API & State Management – Integrating RESTful APIs/GraphQL and managing state with Redux or Context API.

Collaboration & Teamwork in Development

Version Control & Code Reviews – Using Git/GitHub for collaboration and improving code quality through reviews.

Agile Workflow & Task Management – Organizing tasks via Jira, Trello, or Kanban boards.

Communication & Documentation – Using Slack, Teams, and maintaining clear project documentation.

Scrum Methodology in Development

Sprint Planning & Backlogs – Defining clear goals, prioritizing tasks, and maintaining sprint/product backlogs.

Daily Standups & Timeboxing – Keeping meetings brief to track progress and resolve roadblocks.

Retrospectives & Continuous Improvement – Reviewing completed sprints to improve future workflows

PROJECTS

WEATHER APP

- Real-Time Updates – Provides live weather data and location-based forecasts.
- Customizable Settings – Users can personalize temperature units and other preferences.
- Tech Stack – Built with React, Material-UI, and OpenWeatherMap API.

MPE DINING TABLE APP

- Restaurant Discovery & Booking – Users can search for restaurants, make reservations, and manage bookings.
- Secure Payments & Authentication – Integrated payment processing and user authentication for a seamless experience.
- Tech Stack – Built with React Native for cross-platform support. ANDROID BUILT FOR NOW

HOTEL BOOKING WEB APPLICATION

- Tech Stack – Built with React, Redux for state management, Firebase for authentication and data storage, and Material-UI for styling.
- Room Browsing & Booking – Users can view room details, check availability, and make reservations.
- User Authentication & Data Storage – Secure login and data management via Firebase, storing reservations and favorite rooms.
- The app also includes a CMS (Content Management System)

CERTIFICATIONS

- Microsoft Azure: Azure Developer Associate