

MAVHUNGU LBOGANG SHEARFT

Front-End Developer | Software Engineer | BSc Student

Contact

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SUMMARY

Bachelor of Science in Information Technology Final year student with a strong foundation and understanding in front-end development, software engineering, and web technologies. Proficient in HTML, CSS, JavaScript, and React.js, with hands-on experience building responsive and interactive web applications. Actively involved in software projects and hackathons to sharpen skills in UI/UX design, cross-browser compatibility, and RESTful API integration. Passionate about solving real-world problems through clean code, agile collaboration, and innovative digital solutions. Strongly want to contribute to dynamic tech teams and continuously grow in a fast-paced, evolving IT landscape.

EDUCATION

Bachelor of sciences in Information Technology

Jan 2022 - present

North-West university

- Specialization in computer science, Software Development, Systems Analysis and Design, Network Management, Database Management, Web Development, Data Analytics, Information Security, Decision Support Systems, Artificial Intelligence, IT Development, operating Systems

Front-End Engineering , Back-End Engineering ,full-stack Engineering career path

Feb 2025 - present

codecademy company

- Specialization in software Engineering (Front-End, Back-End, Full-Stack)

TECHNICAL SKILLS

Front-End software Engineering, Programming & Software DevelopmentServer-Side Programming

- Languages: HTML, CSS, JavaScript, Java, C#, Python, C++
- Libraries and Frameworks: React.js, Node.js, Bootstrap, jQuery
- Version control Tools: Proficient in Git and GitHub for effective version control and collaboration in software development projects , Visual Studio, Figma, Chrome DevTools,
- Concepts: Responsive Design, UI/UX Design, API Integration and Experienced in using API development tools to facilitate system integration and enhance communication between applications , RESTful APIs
- Methodologies: Agile, Scrum, DevOps Basics, Version Control
- Databases: MySQL, PostgreSQL, MongoDB .

SOFT SKILLS

- Communication – Clear expression of ideas and effective team collaboration.
- Problem-Solving – Strong analytical thinking and debugging ability.
- Adaptability – Quick to learn new tools and adjust to changing tech trends.
- Teamwork – Cooperative and supportive in group projects and agile environments.
- Time Management – Able to prioritize tasks and meet tight deadlines efficiently.

KEY INTEREST IN DEVELOPMENT

- Front-end development and UI design, Responsive and mobile-first web design, JavaScript frameworks (React, Angular, Vue) User experience (UX) research and design, Performance optimization techniques, Accessibility standards and best practices, Creative coding and interactive web applications

SOFTWARE DEVELOPMENT EXPERIENCE

Front-End Developer (Project-Based Experience)

Jan 2024 – july 2025

- Self-Initiated Development Work Remote / Vereeniging, South Africa

Lerbow's Hair & Beauty Booking App – React.js, JavaScript, CSS3:

- Developed a responsive web booking interface with conditional service selection, multi-step form validation, and smooth user interaction flow. Simulated authentication using localStorage and sessionStorage.

Appointment Planner App – React.js, HTML5, CSS3:

- Built a modular, calendar-based planner with reusable React components and persistent local storage. Applied a clean UI layout with accessibility in mind.

Smart Budgeting Dashboard (Frontend UI) – React.js, Chart.js, Tailwind CSS:

- Designed and implemented an interactive dashboard UI for budget insights including charts, spending summaries, and real-time feedback using chart libraries and conditional rendering.

Job Application Tracker UI – HTML5, CSS3, JavaScript, Bootstrap:

- Created a job tracking frontend with filterable views by company, status, and deadline. Used forms with validation and local storage integration for temporary data handling.

Mini Frontend Projects – JavaScript, HTML5, CSS3:

- To-Do App: Implemented task creation, completion tracking, and filtering using localStorage.
- Rock-Paper-Scissors Game: Developed game logic with real-time visual feedback and score tracking.
- PIN Validator: Built form-based logic validator using input pattern checks and alert messaging.

UI Design Principles Applied:

- Practiced responsive web design, mobile-first development, and cross-browser compatibility. Ensured adherence to WAI-ARIA accessibility standards and clean UI composition using semantic HTML and CSS Grid/Flexbox.
- Collaborated in Agile environments, contributing to front-end sprints, daily standups, and UI/UX reviews.
- Used Git/GitHub for version control, issue tracking, and code collaboration.
- Followed component-driven development, DRY principles, and consistent naming conventions for maintainable codebases.

CERTIFICATIONS

Front-End Engineer Professional Certificate

- Codecademy |Career Path: Software Development” |Completion Date: 24 May 2025
- Topics: HTML5, CSS3, JavaScript, Git, GitHub, Responsive Web Design, React, Redux, Build Tools, Data Structures, and Algorithms Certificate ID: [CODE8BC7-7]

Full-Stack Development Certificate of Completion

- FNB | Course :Software development| Completion Date: 12 July 2025
- Certificate ID: [AOTYAA072025]
- Topic: App Strategies, GitHub and Collaboration, Build an App with HTML (The SDLC), Principles of UX Design, Basic Layouts, Transitions, Design Thinking, APIs, Data Input and Processing, User-Centric App Development, Data Management and Analysis, Business Development Intro, Backend Development (Build an API), All in Development Business Funding, Marketing Your App Business

ADDITIONALS

LANGUAGES: English, Tshivenda, Xitsonga, Sepedi,IsiZulu, Xhosa

REFERENCES:

- Tshadama / Teacher:Mr.Magondo, 0827455684, Magondoitani@gmail.com
- NWU / Lecturer:Mr. Sejaphala L.C, 0833011353, Chris.sijaphala@nwu.ac.za