SIBUSISO **Omonije**

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SUMMARY

UCT Computer Science and Applied Statistics graduate with experience in web and software development. Experience with the MERN development stack and object-oriented programming. A team player, analytical thinker, problem solver and an individual with a strong desire to keep growing and improving. Seeking roles in software or web development.

SKILLS

LANGUAGES: C# • Java • Python • JavaScript • PHP • HTML • CSS
TECHNICAL SKILLS: Version Control • Web Development • Database Management • Debugging
SOFT SKILLS: Communication • Problem-Solving • Analytical Skills • Critical Thinking
DATABASES: MySQL • MongoDB • MSSQL
TOOLS: Git • GitHub • GitLab • VSCode • Outlook • IntelliJ IDEA • Teams • WordPress • AWS
FRAMEWORKS: ReactJS • NodeJS • REST API • ASP.Net • Django • Tailwind CSS • Bootstrap

EDUCATION

The University of Cape Town, Cape Town, South Africa   **January 2019 – December 2023**
- BSc in Computer Science and Applied Statistics
- Relevant coursework: Object Oriented Programming, Algorithms, Data structures, Advanced Software Development and Design, Networks, Operating Systems, Parallel and Concurrent Computing, Information Systems

Table View High School   **January 2013 – December 2017**

EMPLOYMENT HISTORY

Software Developer (Contract), Remote   **June 2023 –August 2023**
Intercare Clinic, Cape Town, South Africa
- Built and maintained an EMR (Emergency Medical Record) application, which was used for the hospital, resulting in a 20% increase in productivity in storing and dealing with medical records, administration tasks and medical inventory.
- Updated the software based on ongoing requirement changes for the hospital. Regularly implemented integration testing for newly added functionality.
- Implemented application testing to ensure program is functional from installation till usage.
- Stack: **C#, .Net Framework, Java, MySQL**

Web Developer (Contract), Remote   **January 2022 –March 2023**
FirstLight Healthcare Services, Cape Town, South Africa
- Built, designed, and maintained the company website with the aid of wireframes and conceptual   designs, which resulted in a 35% increase in engagement across all the company's social platforms.
- Regularly updated the website and worked closely with the requirements stipulated.
- Conducted rigorous cross browser and device testing to ensure consistent website performance across major browsers.
- Stack: **React.js, Vite, JavaScript, Tailwind CSS, HTML5**

Web Developer (Contract), Remote   **January 2023 –February 2023**
Villa Mars Property Development Ltd, Cape Town, South Africa

- Built, designed, and maintained the company website from scratch . Regularly updated the website based on stipulated requirements from the CEO.
- Stack: **JavaScript, CSS, HTML5**

Web Developer (Contract), Remote   **October 2022 –January 2023**
Fich Ltd, Cape Town, South Africa

- Built, designed, and maintained the company website from scratch . Regularly updated the website based on stipulated requirements from the CEO.
- Assisted with SEO optimization which led to a 15% increase in engagement with the company website.
- Stack: **React.js, Tailwind CSS, HTML5**

PROJECTS

- **CS2ADMIN (2022**): Built a web application which acts as sophomore computer science administration system which provides an online interface for course convenor tasks and helps determine which students need academic support.
  - Stack: **Django, Python, React.js, MySQL, Tailwind CSS, MongoDB, MSSQL**

- **QUIZZY (2024**): Built a web quiz application which makes use of an API that loads questions and presents the user with a multiple-choice interface. The user must answer within a specific time and points are awarded for correct answers.
  - Stack: **React.js, Vite, TypeScript, JavaScript, Tailwind CSS, HTML5**

- **MMS To-Do App(2024**): Built a React based CRUD to-do application with a user friendly and clean UI, with functionality for adding, deleting, editing tasks, a dynamic progress counter, as well as functionality for adding optional descriptions to the tasks.
  - Stack: **React.js, Vite, TypeScript, JavaScript, CSS, HTML5**

CERTIFICATIONS

- [**AWS Certified Cloud Practitioner (2024-2027)**](#)
  - Skills and technologies: AWS EC2, Lambda, IAM, CloudWatch, LightSail, Elastic Beanstalk, Transcribe, Polly, CloudFormation, S3