NGWAKWANA SEGOAPA

SOFTWARE DEVELOPER

CONTACT

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- Johannesburg

SKILLS

Programming Proficiency:
Effiecient in multiple programming languages, including C#, Java, and Kotlin, with a deep understanding of software development principles, data structures, and algorithms. Proven ability to write clean, efficient, and scalable code.

Problem-Solving and Critical Thinking
Demonstrated strong problem-solving skills and critical thinking in addressing complex challenges. Proficient in analyzing and breaking down problems to develop innovative and effective solutions, a key asset for successful software development.

EDUCATION

National Diploma in IT Software Development

Rosebank College

2021-2023

A National Diploma in IT Software Development equips individuals with comprehensive skills in programming languages, software development lifecycle, database management, web and mobile app development, and project management. Graduates are prepared for entry-level positions in the IT industry, offering a well-rounded understanding of software design, development, and maintenance.

Grade 12

Topaz Secondary School
2014-2019

LANGUAGES

English ████████████████████

Afrikaans ██████████████████

PROFILE

As a software developer student, I have acquired a strong foundation in programming languages such as Python, Java, and C++, demonstrating proficiency in algorithm development and problem-solving. My web development skills include a solid understanding of HTML, CSS, and JavaScript, with hands-on experience in building responsive web applications using frameworks like React.js. I am adept at database management, particularly in SQL and relational databases like MySQL. Throughout my studies, I have collaborated effectively with team members on group projects, showcasing excellent communication skills and adaptability in a collaborative environment.

Additionally, my skill set extends to UX/UI design, where I have applied design principles to create intuitive and visually appealing interfaces. I am proficient in design tools such as Adobe Creative Suite and Figma, and have experience in responsive design and prototyping. My commitment to continuous learning is evident through staying updated on the latest UX/UI design trends and technologies. I showcase my work through a comprehensive portfolio that highlights my projects, demonstrating my capabilities in both software development and UX/UI design.

SOFTWARE DEVELOPER SKILLS

- **Technical Skills:**
  - Programming Languages: Proficient in C#, Java, Kotlin with hands-on experience in algorithm development.
  - Web Development: Solid understanding of PHP, HTML, CSS, and JavaScript. Developed responsive web applications using React.js.
  - Database Management: Skilled in SQL and experienced in managing relational databases, including MySQL.
  - Version Control/Git: Proficient in using Git for version control, ensuring efficient collaboration and code management.
  - Problem Solving: Demonstrated strong analytical and problem-solving skills through successful debugging and optimization of code projects.
  - Algorithm and Data Structures: Applied advanced algorithms and data structures to optimize application performance.
  - Software Development Lifecycle (SDLC): Familiar with the complete SDLC, from requirement analysis and design to testing and deployment.
  - Collaboration and Teamwork: Successfully collaborated with team members on group projects, contributing to the development of cohesive and functional applications.
  - Communication Skills: Clearly communicated complex technical concepts to team members during collaborative projects.
  - Adaptability and Willingness to Learn: Quick learner with a demonstrated ability to adapt to new technologies and programming languages.
- UX/UI Design Skills:
  - User Experience (UX) Design: Applied UX design principles to create intuitive and user-friendly interfaces. Conducted user research, including surveys and usability testing, to inform design decisions.
  - User Interface (UI) Design: Proficient in designing visually appealing and interactive UI components. Created wireframes, prototypes, and mockups using tools like Adobe XD or Sketch.
  - Design Tools: Skilled in using industry-standard design tools such as Adobe Creative Suite (Photoshop, Illustrator) and Figma.
  - Responsive Design: Designed responsive web interfaces, ensuring a seamless user experience across various devices.
  - Collaboration with Developers: Collaborated with development teams to implement UI designs, providing guidance on design specifications.
  - Accessibility: Implemented accessibility best practices to ensure inclusive design for users with diverse needs.