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LEONARD PHOKANE

Summary

Highly skilled software developer with expertise in Java, Python, JavaScript, and C++. Proficient in using GitHub and Visual Studio Code for efficient code management and development. Strong knowledge of HTML, CSS, and RDBMS. Dedicated to continuous learning and professional growth within the tech industry.

Employment

Software Developer   **Jul 2013 To Jan 2015**
Discovery Limited, **Sandton, South Africa**

DUTIES AND RESPONSIBILITIES

- Understand client requirements, translate into application features and ensures the timely delivery of fully functional software applications.
- Collaborate with a team of IT professionals to set specifications for new applications.
- Design creative prototypes according to specifications.
- Write high quality source code program and complete applications within deadlines.
- Perform unit and integration testing before launch.
- Conduct functional and non-functional testing.
- Troubleshoot and debug applications.
- Evaluate existing applications to reprogram, update and add new features.

Education

Software Development Scholarship   **Feb 2025 To Present**

Power Learn Project, Kenya, Nairobi

- Developing a strong foundation in essential tools and practices.
- Developing proficiency in using Git and GitHub for version control, as well as Command-Line Interface (CLI) tools for efficient navigation and task execution. Also, develop project management skills, enabling me to organize and manage my coding projects effectively.
- Furthermore, I am gaining insights into best practices for software development including code organization, debugging techniques and collaboration strategies.

Bachelor of Science   **JAN 2007 TO MAY 2012**

Information Technology and

Computer Science,

University of South Africa

- Developed proficiency in frameworks and tools relevant to software development, such as C++, Java programming, Delphi and MYSQL.
- Achieved competency in various modules including introduction to programming, systems analysis and design methods, object-oriented concepts, advanced systems development and software project management models such as SDLC, Agile and Waterfall modelling, laying the foundation for logical problem-solving skills.
- Developed strong communication skills through subjects such as comprehension skills for science.

End User Computing   **JAN 2007 To NOV 2008**

University of South Africa

- Developed proficiency in Basic Concepts of IT, Using the computer and Managing Files, Word processing, Spreadsheets, Presentation, Information and Communication.

Java Web Development   **Nov 2012 To Mar 2013**

Mict-Seta Intern, Johannesburg, Gauteng

- Developed proficiency in frameworks and tools relevant to software development, such as HTML, JavaScript, Java, Object Oriented Programming, RDBMS, XML.
- Learned advanced software design principles and methodologies to create robust and scalable applications.
- Gained hands-on experience in real-world software development projects, enhancing collaborative skills and understanding of project management.

Senior Certificate/Matric Grade 12   **Jan 2001 To Dec 2004**

Dihlabakela Secondary, **Limpopo**

- Achieved competency in various subjects including Mathematics and Physical Science, laying the foundation for logical problem-solving skills.

Projects

- Develop and maintain scalable web applications using Python and Java, ensuring optimal performance and user experience.
- Collaborate with cross-functional teams to design and implement software solutions, leveraging GitHub for version control and project management.
- Utilize Visual Studio Code for efficient coding and debugging, enhancing development workflow and productivity.
- Participate in code reviews, and provided constructive feedback to peers, fostering a culture of improvement and learning.
- Employ advanced software design principles to architectural robust systems, resulting in increased reliability and maintainability of applications.
- Engage in hands-on software development projects, applying theoretical knowledge to real-world scenarios and improving collaborative skills.

- Create extensive unit tests to validate software functionality and identity bugs, resulting in a streamlined and efficient development process.

Skills

- Java
- Python
- JavaScript
- GitHub
- Visual Studio Code
- HTML
- RDBMS

Languages

Sepedi, Native

English, Good

Zulu, Good

Tswana, Good