LEONARD PHOKANE

Dynamic Software Developer with a proven track record at Power Learn Project, skilled in Python, HTML, CSS, and JavaScript. Adept at delivering innovative applications and functionality through effective troubleshooting. Strong collaborator with a focus on delivering project goals and ensuring high-quality software solutions. Passionate about leveraging technology to drive success.

Personal details

👤 LEONARD PHOKANE

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Skills

Java

Python

SQL

CSS

HTML

JavaScript

Profile

I am a web developer with solid knowledge of HTML, CSS, and JavaScript. Strong knowledge of Python, Django, React and SQL. Experienced in using GitHub and Visual Studio Code for efficient development. Dedicated to continuous learning and professional growth within the tech industry.

Education

Bachelor of Science in Information Technology and Computer Science   **Jan 2007 - May 2012**
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 - 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.

Senior Certificate/Matric Grade 12   **Jan 2001 - Dec 2004**
Dihlabakela Secondary, Limpopo
- Achieved competency in various subjects including mathematics and physical science, laying the foundation for logical problem-solving skills.

Java Web Development   **Nov 2012 - Mar 2013**
MICT SETA, Johannesburg
- Proficient in Java programming and its application in web development frameworks and libraries such as Spring and Hibernate.
- Experience with JavaServer Pages (JSP) and Servlets to build dynamic, interactive web applications, enhancing user interfaces and experiences.
- Familiarity with front-end technologies such as HTML, CSS, and JavaScript to create seamless client-side experiences integrated with Java back-end services.
- Knowledge of database management using MySQL, including writing efficient queries and managing data access within Java applications.
- Understanding of design patterns and architecture principles applied in Java web applications, improving code organization and maintainability.
- Gained in-depth knowledge of object-oriented programming principles and their application in Java, enabling the design of modular and reusable code for complex web applications.
- Acquired expertise in software project management methodologies, including Agile and Waterfall, to effectively plan, execute, and deliver Java web development projects within stipulated timelines.
- Mastered the principles of software development lifecycle (SDLC) with a focus on Java web application projects, emphasizing planning, coding, testing, and deployment phases.

Languages

Sepedi

English

Zulu

Tswana

Hobbies

■ Reading, Learning, Coding

Software Development - February 2025 -   **Feb 2025 - Apr 2025**
Cohort VII

Power Learn Project | Academy, Kenya, Nairobi

- Gained hands-on experience in software development methodologies through practical assignments and collaborative projects in Cohort VII.
- Acquired technical skills in various programming languages, including C++ and Java, with a focus on object-oriented programming principles.
- Enhanced problem-solving abilities through comprehensive coursework in systems analysis and design, preparing for real-world software challenges.
- Built strong team collaboration skills while working on group projects, utilizing Agile and Waterfall models for project management in software development.

Microsoft AI Fluency Program   **Apr 2025 - Present**

Deviare Youth Campus, Johannesburg

- Learned how to create and integrate AI models into existing software systems, enhancing functionality and user experience.
- Gained insights into Microsoft AI technologies and their applications in software development during the Microsoft AI Fluency Program.
- Explored ethical considerations and best practices for implementing AI solutions in development projects.
- Acquired knowledge of machine learning algorithms and data processing techniques relevant to AI-driven applications.

Employment

Software Developer   **Jul 2013 - Jan 2015**

Discovery Limited, Sandton, South Africa

- 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.

Courses

Software Development - February 2025 -   **Present**
Cohort VII

- Developed a strong foundation in essential tools and practices.
- Developed 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 have gained insights into best practices for software development including code organization, debugging techniques and collaboration strategies.

Microsoft AI Fluency Program

- The AI fluency content is designed to educate individuals on the fundamentals of AI, empowering them to integrate this powerful technology into their everyday lives. It includes 44 bite-sized videos covering a wide range of AI topics, from its history and basic principles to ethical considerations and global initiatives. A complete section on getting started with Copilot is also part of the content, aimed at teaching individuals to navigate this new technology with ease.