

LEONARD PHOKANE

Summary

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.

Employment

Software Developer
Discovery Limited, Sandton, South Africa

Jul 2013 To Jan 2015

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

In-progress

Power Learn Project, Kenya, Nairobi

- 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,

In-progress

Program, Deviare Youth Campus

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.

Bachelor of Science Information Technology and

Jan 2007 To May 2012

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

Here are some of my recent projects:

- Project 1: Simple Web Page

Technologies: HTML, CSS and JavaScript

Project Link | <https://github.com/leonardphokane/feb-2025-introduction-to-html-5/blob/main/index.html>

- Project 2: Weather Prediction Project

Technologies: Python, Requests, Pandas, Matplotlib.

Project Link | [https://github.com/leonardphokane/](https://github.com/leonardphokane/Weather-Prediction-Project/blob/main/weather%20prediction%20project.ipynb)

[Weather-Prediction-](https://github.com/leonardphokane/Weather-Prediction-Project/blob/main/weather%20prediction%20project.ipynb)

[Project/blob/main/weather%20prediction%20project.ipynb](https://github.com/leonardphokane/Weather-Prediction-Project/blob/main/weather%20prediction%20project.ipynb)

- Project 3: Mastering Pitch Decks

Technologies: Gamma, AI-powered tool.

Project Link | [https://gamma.app/docs/Drug-Detox-Recovery-](https://gamma.app/docs/Drug-Detox-Recovery-Center-5cyrtvbgt11m8rm)

[Center-5cyrtvbgt11m8rm](https://gamma.app/docs/Drug-Detox-Recovery-Center-5cyrtvbgt11m8rm)

- Project 4: E-commerce Database Design

Technologies: dbdiagram.io, MySQL, ERD.

Project Link | <https://github.com/leonardphokane/Peer-Group-Assignment-Ecommerce-Database-Design/blob/main/ecommerce.sql>

- Project 5: UI Portfolio Website

Technologies: HTML5, CSS3, JavaScript, Tailwind CSS, GitHub

Project Link | <https://leonardphokane.github.io/WebDev-Assignment/>

Skills

- Java
- Python
- SQL
- CSS
- HTML
- JavaScript

Languages

- Sepedi, Native
- English, Good
- Zulu, Good
- Tswana, Good

