

Jano Esterhuizen

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PROFESSIONAL SUMMARY

I am a motivated software engineer with a strong foundation in AI, web, and software development. I have experience working with cross-functional teams, utilizing Agile methodologies, and contribute to the development of robust and scalable applications. I am a fast learner with a passion for building efficient solutions and a strong drive to continuously improve my skills and knowledge in emerging technologies

SKILLS

Programming Languages: JavaScript, Python, C#, HTML5, CSS3, Typescript

Development: RESTful APIs, Node.js, Express.js, Next.js, React, ASP.NET, AI Implementation, Asynchronous Programming, SQL/NoSQL databases (MongoDB, PostgreSQL)

Tools and Platforms: Azure, Visual Studio, Visual Studio Code, Azure DevOps, Jira, Git/GitHub, Postman, Docker

EDUCATION

University Of Pretoria

Jan. 2024 – Present

B.Sc Hons Computer Science

Research: Using AI to generate descriptions for diagrams and images (datastructures) for visually impaired persons

Courses: Generic Programming, Image Processing, Educational Software development

North-West University

Jan. 2020 – Nov. 2023

B.Sc Computer Science and Economics

Courses Include: Datastructures and Algorithms, Calculus III and Calculus IV, Linear Algebra II, OOP, Data Analysis, Operating Systems, Computer Networks

EXPERIENCE

Agile Bridge

Jan. 2024 – Present

Junior Software Engineer

Pretoria, Gauteng

Internal currency exchange system:

- Collaborated with a team to develop an **internal currency exchange system** enabling employees to exchange, buy merchandise, and receive notifications with **ASP.NET**.
- Contributed on both the mobile and web platforms.
- Assisted in deploying the application with **Azure** and providing support post-launch.
- Lead the test automation efforts to ensure quality and reliability of the system.
- Collaborated with the team to implement automation testing using **Playwright** and **Selenium**.

Vehicle Financial Quote System:

- Documented user stories and acceptance criteria in Jira for the Vehicle Financial Quote System, facilitating better communication and requirement management..
- Designed and executed test plans and test cases.
- Collaborated with stakeholders across business and technical teams to align project scope, manage dependencies, and ensure timely delivery.
- Reported and tracked defects, and worked with the development team to resolve issues.

North-West University

Jan. 2021 – 2023

Residence leader

Potchefstroom, North-West

- Led and coordinated activities for over 300 residents, fostering a positive and inclusive community environment.
- Managed conflict resolution, event planning, and administrative tasks, ensuring smooth operations and resident satisfaction.
- Collaborated with university staff and student leaders to organize events and address community concerns.
- Developed strong communication, leadership, and problem-solving skills through managing diverse resident needs and challenges.

CERTIFICATIONS

Microsoft Azure Fundamentals (AZ-900)

Jul. 2024

- Validates foundational knowledge of cloud services and core Azure concepts.