MUHAMMAD YAHYA PARUK

Junior Software Engineer

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📍 Durban

SUMMARY

Motivated Computer Science undergraduate specializing in Python development, cloud computing, and data-driven solutions. Experienced in managing complete software lifecycle projects, from ideation to deployment, exemplified by apps like ScentCast and automation tools. Currently pursuing opportunities to contribute inventive solutions and technical expertise in software development or engineering internships.

EXPERIENCE

AI Trainer (General Reasoning and Coding)
Outlier
📅 11/2024 - Present
- Provide challenging prompts for new generative AI models in order to evaluate and improve performances and workflows
- Evaluate and correct AI code responses in Java, Python, Js and HTML/CSS languages
- Ensure that AI models are able to keep up and provide efficient and stable results
- Critique errors in various categories, ensuring models are able to generate the most optimal solutions.

EDUCATION

Bachelor of Science - BS, Computer Science
IU International University of Applied Sciences
📅 01/2022 - 03/2026

PROJECTS

SkyLogger: Live Aviation Telemetry Dashboard
📅 12/2025 - 01/2026
🔗 https://github.com/Pordilz/skylogger-project
- A containerized aviation telemetry dashboard that ingests real-time flight data from OpenSky Network into PostgreSQL and visualizes it with Streamlit.

ScentCast
📅 11/2025 - 01/2026
🔗 https://github.com/Pordilz/ScentCast
- ScentCast is a smart Android application that helps fragrance enthusiasts choose the perfect scent for the day. By integrating real-time weather data with a personal digital fragrance library, the app uses a custom algorithm to recommend the most suitable bottle based on temperature, season, and olfactory notes.

The Vault: Secure & Compliant Cloud Archive
📅 01/2026
🔗 https://github.com/Pordilz/The-vault
- The Vault is a secure cloud storage solution designed for sensitive data (e.g., medical records, legal contracts) that requires strict compliance and immutability. Built entirely on AWS using Terraform, this infrastructure enforces a "Write Once, Read Many" (WORM) model to prevent data tampering or accidental deletion.

LinkHub
📅 04/2024 - 05/2024
🔗 https://github.com/Pordilz/LinkHub

The purpose of Link.hub is to provide users with a centralized place to share their portfolio of links. Whether you are an individual wanting to share your social media profiles, a developer showcasing your projects, or a business displaying your services, Link.hub simplifies the process by providing a single link to share.

CERTIFICATIONS

Learn Python 3 Course
Codecademy

Learn Java Course
Codecademy

Code Foundations Skill Path
Codecademy

Toastmasters
Toastmasters International

SKILLS

Coding Languages

Java Python JavaScript HTML
CSS PostgreSQL Kotlin Android
Svelte Typescript

Platforms

Streamlit AWS Terraform Android
SvelteKit Firebase

General

AI Model Evaluation Generative AI
Code Correction Containerization
Cloud Development
Applications Development
Software Development Prompt Engineering

PROJECTS

Expression Finding Algorithm (https://numblebot.streamlit.app)

📅 03/2025 - 03/2025

🔗 https://github.com/Pordilz/Numble-bot

I Created a python program which allows users to input available numbers and a target answer, then searches for an equation using a combination of those numbers with basic operations (+, -,*, /) and parentheses to achieve the target.

AirBnb Database (SQL)

📅 06/2023 - 01/2024

- Designed and Developed a PostgreSQL database based on an AirBnb use case.

Pirate Platformer (Python)

📅 03/2023 - 08/2023

🔗 https://github.com/Pordilz/Pirate-Platformer

Pirate Platformer is an exciting 2D platformer game developed to provide players with an immersive experience in a pirate-themed world. Navigate challenging levels, and encounter various obstacles and enemies on your quest for treasure.

- Engaging storyline with pirate-themed elements.
- Stunning 2D graphics and immersive sound effects.
- Diverse levels with increasing difficulty.
- Smooth and responsive controls for an enjoyable gaming experience.