Peter Papasotiriou

junior Software engineer | Full stack developer

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Summary

Junior Software Engineer with hands-on experience building Python-based backend systems, automation tools, and full-stack web applications. Experienced in designing REST APIs, working with relational databases, and delivering real-world solutions through personal and professional projects. Strong focus on maintainable code, system design, and problem-solving.

Experience

Manager & Internal Tools Developer (part-time)
Africa Paradise Boutique Hotel – 079 111 6981 (Brendin De Susa)

📅 2023–Present   📍 Benoni, Johannesburg

- Balanced front-desk operations with technical support duties while developing internal tools.
- Built Python-based internal tools and utilities to automate workflows and improve operational efficiency.
- Cleaned up and standardized Word/Excel documents to improve flexibility and increase workflow
- Helped develop the hotel website (pre-launch), collaborating on front-end development

Software Engineer (Freelance / Personal Projects)
Benoni/Remote

2025–Present   📍 Benoni, Johannesburg

- **Algorithmic Bitcoin Trader (Mar–May 2025):** Delivered a private, client-only trading tool in Python combining AI-assisted pattern detection with rule-based signals.
- **Steam Price Scraper & Inventory Calculator (Apr 2025):** Built an extension-assisted scraping workflow to collect Steam pricing where no public API existed; parsed/cleaned data and produced inventory valuation reports (CSV export).
- **Conker Tweaks Website (May 2025):** Shipped a Python-built site with payments**,** account sign-in/logout, and a database for users, packages (items for sale), and basic analytics.

Projects:

- **Pocket Coder** – Mobile IDE & AI-assisted coding tool (Python, Kotlin)

- **Rustalytics** – Real-time Rust (game) server monitoring bot (Python, REST APIs)

- **Steam Price Scraper** – Automated data collection & processing tool (Python)

Achievements

Golden Key International Honour Society — Member
Invited based on top-tier academic performance at university.

Debutantes & Squires Programme (2021)
Completed a structured programme of community service, fundraising, etiquette, and leadership events.

Half Colours — Academics
School award for consistent high academic results over the year.

Certificate of Excellence — Mathematics & Computer Applications Technology
Formal recognition for outstanding achievement in both subjects.

Courses

Intro to Programming
Code College
Fundamentals covered: variables, control flow, functions, and basic problem-solving.

Skills

Languages:
Python, JavaScript, SQL (MySQL), PHP, C#, C++, Lua

Backend & APIs:
Django, RESTful APIs, API Gateways

Frontend:
HTML, CSS, JavaScript, React

Databases:
MySQL, MongoDB

Languages

English

Education

Bachelor of Science in Information Technology (Software Engineering)

Eduvos Bedfordview

📅 2023–2025 (Completed) 📍 Benoni, Johannesburg

National Senior Certificate (Matric)

Ashton International College

📅 2017–2023 📍 Benoni, Johannesburg