Ebrahim Pooe - Curriculum Vitae

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Career Objective

Final-year Computer Science student at Tshwane University of Technology with strong academic training and hands-on experience in full-stack development, cloud-aligned systems, and software engineering. Eager to contribute to innovative IT teams by building scalable solutions, leveraging technologies such as Java, Spring Boot, REST APIs, and PostgreSQL. Currently seeking internship or graduate opportunities in software engineering, cloud infrastructure, or backend development.

Education

National Diploma in Computer Science

Tshwane University of Technology — 2022 – Expected 2025

Relevant Modules: Software Development, Internet Programming, Mobile Development, Database Systems, Networking, Information Security, Project Management, Business Analysis, Human-Computer Interaction

Capstone Project – JobConnect (2025)

A 3-tier job-matching system built to connect clients and technicians based on geolocation and service relevance.

Tech Stack: HTML, CSS, JavaScript, FastAPI (Python), PostgreSQL

Key Features:

- Role-based login and secure authentication

- Booking system with live status tracking and service rating

- Technician-client proximity matching using geolocation

- External service integration through Python web scraping

Experience

Student Residence Mentor

Tshwane University of Technology – Sosh 5 Residence — Jan 2025 – Present

- Provided academic and emotional support to over 50 residence students

- Facilitated study groups and mental wellness sessions

- Collaborated with staff and student leadership to resolve residence issues

Volunteer Academic Tutor

Tshwane University of Technology – First-Year Support — Mar 2023 – Nov 2024

- Tutored first-year students in Java and software logic

- Simplified debugging, algorithm design, and OOP principles

- Helped increase pass rates and fostered a peer learning community

Technical Skills

Languages: Java, Python, JavaScript, SQL, Kotlin

Web Development: HTML, CSS, JavaScript, ReactJS

Mobile Development: Android Studio, Flutter, React Native

Frameworks/Tools: Spring Boot, FastAPI, Java EE, Git, GitHub, VS Code, IntelliJ, Eclipse, NetBeans

Databases: PostgreSQL, Oracle SQL, MySQL

Other: REST APIs, Agile Methodologies, Linux, Microsoft Power Platform, Software Testing

Soft Skills

Team Collaboration & Communication

Leadership & Mentoring

Analytical Thinking

Time Management

Adaptability

Problem Solving

Awards & Recognitions

- Certificate of Recognition – IBM Datathon 2024

  For submitting a research abstract on AI-driven data innovation

- Certificate of Participation – TCS Sustainathon 2023

  Participated in a global sustainability-focused innovation challenge hosted by Tata Consultancy Services