KEITUMETSE SETATI

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Personal Summary

Aspiring software engineer with a strong foundation in programming, web development, and database systems. Passionate about developing innovative solutions, collaborating in team environments, and continuously improving technical and soft skills. Eager to contribute to cutting-edge projects and grow in the IT industry. I actively enhance my skills through online learning platforms, staying updated with the latest technologies and best practices in software development.

Education

2025

Belgium Campus iTversity - Pretoria, GP
Bachelor of Computing: Software Engineering
Bachelor of Computing (4-year course: 3 academic years, 1 year internship/graduate programme) Belgium Campus iTversity| February 2023 – Present

- Expected graduation: 2027
- Final year 2026 dedicated to a full-time internship or graduate programme placement in the IT industry
- Relevant Coursework: Object-Oriented Programming, Data Structures & Algorithms, Web Development, Database Systems, Software Engineering Lifecycle, UML Design, and Project Management.

Experience

02/2024 - Current

Belgium Campus iTversity - Pretoria, South Africa
Programming Tutor

- Tutored over 20 students in programming modules that include C#, JavaScript, NoSQL databases, software testing, and frameworks like Express.js.
- Guided learners in debugging, algorithms, and problem solving through hands-on practice.

Technical Skills

Programming and Scripting
- Python, C#, Java, JavaScript, and SQL

Web and Application Development
- HTML, CSS, React.js, Node.js, Express.js, REST APIs, Java Swing

Databases
- SQL Server Management Studio, PostgreSQL, and MongoDB

Tools and Environments
- Git and GitHub (Version Control), VS Code, Visual Studio, IntelliJ IDEA, and Apache NetBeans

Software Engineering
- Database Management, UI Design, Agile and Scrum Development, Software Development Life Cycle (SDLC),

RESTful API development, and
Software Testing

Projects

- Inventory Management System- Stock tracking & order management app for a franchise.
- Student System App (C#) – Attendance, grades & student profile management.
- Community Portal (Node.js, MongoDB, JavaScript, EJS) – Website for events, discussions, and resource sharing.
- Wellness Management Application - Designed to help users manage and track their wellness activities, such as health routines, exercises, and overall lifestyle habits.
- Linear & Integer Programming Solver - A .NET Framework console application for parsing, validating, and solving linear and integer programming models with canonical form output, core optimization algorithms, and detailed iteration logs.
- Python Calculator - A simple command-line calculator built in Python that allows users to perform basic arithmetic operations, including addition, subtraction, multiplication, division (with zero handling), exponentiation, and modulus, designed for ease of use and demonstration of Python functions and control flow.

Hobbies and interests

- Chess
- Personal coding projects
- Gym
- LeetCode Challenges
- Puzzles and brain games
- Tutoring
- Engaging in collaborative learning

Extracurriculum

- Leadership Role (SRC Member) - Represented students and contributed to academic discussions.
- Tutor with a core understanding of coding modules, assisting students in programming concepts and problem-solving.
- LeetCode & Competitive Coding - Regularly solving coding challenges to enhance algorithmic problem-solving skills.

Websites, Portfolios and Profiles

- linkedin.com/in/keitumetse-setati-116252214
- https://portfolio-ten-cyan-jmukx6d59r.vercel.app/
- https://github.com/KeitumetseSetati

Certifications

- Cybersecurity Essentials, Cisco Networking Academy, 2021-10-01
- Introduction to IoT, Cisco Networking Academy, 2022-10-01

Driving licence

- Category C(C1/ Code 10)

References

- Mr. Gumede, High School Vice Principal, 084 863 5675
- Mrs. Chauke, High School Sepedi (Home Language) Teacher, 072 801 8691