Siphosethu Shumani

Software Engineer

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Summary

Motivated and results-driven Full Stack Developer with a solid academic background in Computer Science and hands-on experience in both frontend and backend technologies. Proficient in modern web development frameworks and tools with strong database management skills. Adept at creating responsive and user-friendly interfaces with **Tailwind CSS** and transforming complex data into interactive visualizations. A proven collaborator and analytical thinker, with practical experience gained from a software development internship and over two years of tutoring in STEM subjects, demonstrating excellent communication, adaptability, and leadership. Successfully contributed to projects involving **API development**, **data integration**, and **version control with Git/GitHub**. Recognized for academic excellence and problem-solving ability through multiple awards and certifications, including a **Gold Certificate in the Applications Olympiad** and a **HackerRank problem-solving certificate**. Passionate about continuous learning, as evidenced by the completion of the **Zero to Mastery Web Developer Bootcamp on Udemy**. Eager to contribute technical expertise, collaborative spirit, and a strong sense of accountability to a dynamic development team.

Technical Skills

HTML5 · CSS3 · JavaScript ·TypeScript · React.js · Redux · Tailwindcss · Node.js · Express.js · Python · Django · PostgreSQL · Java · Linux · Git · GitHub · MongoDB · Mongoose · Postman · MS Office

Software Skills

Problem Solving · Collaboration · Analytical Thinking · Adaptability · Leadership · Accountability

Professional Experience

Turtlejar Tutoring
Private Tutor   03/2022 - Present

- Delivering one-on-one and group tutoring sessions in Math, Science, and Computer Science subjects/modules.
- Developing customized lesson plans and learning materials tailored to each student's academic level and goals.
- Explaining complex concepts clearly and patiently to ensure student understanding.
- Monitoring student progress and providing constructive feedback to students and parents/guardians.
- Utilizing online platforms and digital tools effectively for remote tutoring sessions.
- Encouraging and motivated students to build confidence and foster a positive learning environment.

ClearlyEnergy
Software Developer Intern   06/2021 - 08/2021

- Converted a static image to an interactive chart using the Highcharts library to improve user experience.
- Collaborated with cross-functional teams to integrate real-world-data into product offerings.
- Used Django in the backend, JSON data parsing, PostgreSQL for the database and Git and GitHub for version control.

Achievements

- Hyperion Dev profile & Certificate: *[Link]()*
- Demonstrated expertise in working with GitHub, ensuring effective collaboration and version control within the team.
- Obtained problem solving certificate from HackeRank. *[Link to Certificate]()*
- **Dell Young Leaders Scholarship**: Selected in the top 50 students at university for demonstrating leadership potential and ability to overcome adversity.
- **Class medal**: Achieve 94% class record for a computer science course taught in Python.
- **Computer Applications Olympiad**: Received a Gold certificate in the Grade 12 division of the 2016 Applications Olympiad sponsored by **Netlearn**.

Education

HyperionDev
Full Stack Web Development   11/2024 - 03/2025

University of Cape Town
Bachelor of Science in Computer Science   03/2017 - 12/2022

Wallacedene Secondary School
Bachelor's (NSC)   01/2012 - 12/2016

Self-Study
UDEMY | [The complete Wed Developer Bootcamp: Zero to Mastery]()   06/2023 - 10/2023

References

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