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ALEXI BETTINGER

Full Stack Software Engineer

PROFESSIONAL SUMMARY

Results-driven software engineer with 6 years of programming experience, including 3 years professionally developing robust web applications. Specializing in JavaScript and Python, with strong problem-solving skills, a solid work ethic, and a passion for delivering user-centric solutions in Agile environments.

SKILLS

CSS • Docker • Express • Flask • HTML • JavaScript • Python • React • SQL & NoSQL • TypeScript

EXPERIENCE

App Academy - Software Engineer and Lead Instructor   November 2022 - Present

- **Develop and maintain** a full-stack application for student curriculum management, including attendance tracking and grade reporting, supporting over 400 active users and creating a centralized educational platform.
- **Implement front-end** interfaces using Docker, React, Redux, Tailwind, Typescript, and more, delivering seamless user experiences.
- **Build and optimize** back end services and APIs with Docker, Express, PostgreSQL, and Sequelize, achieving a 30% improvement in system performance.
- **Teach** modern JavaScript, Python, data structures, algorithms, and industry methodologies daily to over 150 students per cohort.
- **Manage and mentor** a team of 12 Junior Instructors, overseeing project management, enhancing curriculum knowledge, demonstrating best practices for adult education, and conducting performance reviews to drive professional growth and instructional quality.

iDTech - Instructor   May 2021 - July 2023

- **Delivered engaging lessons** in JavaScript, Python, and essential Full Stack development concepts, including Angular, MongoDB, PHP, and MySQL, with a focus on building scalable web applications.
- **Designed and engineered** curriculum projects autonomously, emphasizing JavaScript, Python, and associated libraries, tailored to students of diverse proficiency levels.
- **Provided personalized code reviews**, guidance, and demonstrated proven debugging techniques.
- **Empowered students** to improve their problem-solving skills and inspired a passion for programming.

EDUCATION

Bachelor of Science (B.S.), Software Engineering   August 2022 - Present

Western Governors University,   Expected graduation date 2025

Relevant Coursework: Front-End Web Development, Back-End Web Development, IT Leadership, Version Control, Data Structures and Algorithms, UX Design, UI Design, and Computer Science.

PORTFOLIO & LINKS

Portfolio: https://ogalexi.github.io/ **Linkedin:** https://www.linkedin.com/in/alexi-bettinger/