Karim Hafiz

Full Stack Developer

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Objective

High School Science teacher looking to change careers as a software engineer. Highly motivated independent self-learner with an expanding foundation of Python, JavaScript (ES6+), HTML5, CSS3, Node.js, and web development frameworks. Seeking an entry-level position as a Full Stack Developer to apply and further develop skills in frontend and backend development, REST APIs, and modern web technologies.

Skills & Abilities

- Languages: JavaScript (ES6+), HTML5, CSS3, SCSS, Python (in process)
- Web Development: AWS Lambda, Node.js, Express.js, React.js, Angular, jQuery, Bootstrap, React Bootstrap, RESTful APIs, Redux
- Database: Non-Relational Databases & MongoDB, Relational Databases & SQL, NoSQL, MySQL PostgreSQL
- Data Security and Validation, Test-Driven Development
- Version Control: Git, GitHub
- IDEs: Visual Studio Code

Experience

Hicksville High School, Hicksville, NY 2014 - Present

- Developed and delivered engaging lesson plans for chemistry, biology, environmental science and medical sciences to 9-12th grade students, incorporating innovative teaching methodologies and technologies.
- Collaborated with colleagues to develop curriculum materials and participate in professional development activities.
- Communicated effectively with parents and guardians to provide regular updates on student performance and progress.

Education/Certification

- Certification in Full Stack Web Development Candidate, Expected June 2024
- Stony Brook University, Masters of Arts in Teaching, 2012-2014
- Stony Brook University, Bachelor of Science in Biology, 2006-2010

Projects

- Designed and developed a personal portfolio website showcasing Pokemon index using HTML5, CSS3, and JavaScript (ES6+)..
- Built a movie app called "My-Flix" that allows users to create an account and login to view various movies. Users can filter their search based on movie genre, director, movie title and much more.
- Developed a back-end application that allows users to browse movie selections, genres and film directors using MERN stack (MongoDB, Express.js, React.js, Node.js).
- Developing Meet-App using Google Calendar API and AWS Lambda serverless functions.
- Developed serverless functions using AWS Lambda to automate data processing tasks.
- Integrated AWS Lambda functions with other AWS services such as Amazon S3 and Amazon DynamoDB.

Languages

Fluent in English and Farsi, conversational Spanish

References

- Michael O'Connell - Supervisor of Science and Technology - 516-733-2143 moconnell@hicksvillepublicschools.org
- Raymond A. Williams – Principal - 516-733-2200 - rwilliams@hicksvillepublicschools.org
- Lauren Dubeau - Assistant Principal - 516-733-2200 - ldubeau@hicksvillepublicschools.org