

Michelle Song

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SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL, C/C#, HTML5/CSS

Frameworks: React, Vue.js, Django, Flask, Express.js, jQuery, TailwindCSS

Technical Tools: Git, Node.js, MongoDB, Firebase, Docker, PostgreSQL, MySQL, Redis, Prisma, pandas, Fast API

Certifications: Dataiku: Core Designer and Developer, Cognite: Data Engineer, IBM DevOps and Software Engineering Specialization

Concepts: Scrum and Agile methodologies, OOP, REST APIs, pandas, CRUD operations

EDUCATION

HackBright Academy at Strayer University

Mar. 2022 - Jun. 2022

Full Stack Bootcamp

Dallas, TX

- Dedicated 12 weeks of intensive hands-on training to develop dozens of web applications in Python, Javascript.
- Utilized a multitude of frameworks such as React, Flask, Django, AJAX, and databases such as SQLite and MySQL.
- Created user-friendly sites utilizing CRUD operations and RESTful routes together with API integration.
- Pair programming to implement front and back-end solutions to unique challenges and wire-frame specifications

Collin Community College

Feb. 2021 - Jul. 2021

BLS - CPR/AED Certified - EMT-Basic Certification

Dallas, TX

The University of Texas at Austin

Bachelor of Science in Nutritional Sciences

Austin, TX

PROJECTS

Jem Coding | React, Typescript, TailwindCSS, Next.js, Vercel | *Education Platform on Game Development*

- Led the development of a niche, free online education platform dedicated to teaching game development and software engineering concepts in an engaging and attention-grabbing manner, catering to novice developers.
- Designed and implemented a modern and intuitive frontend interface that seamlessly blends education and gamification, providing an immersive learning experience.

SupGPT | React, Redux Toolkit, Express.js, Node.js, OpenAI | *AI Chat UI*

- Multi-chat application with AI using **ChatEngine** for chat interface components, **Redux Toolkit** for state management, **Redux Toolkit Query** for **API** calls with Hero icons and **React Router** for navigation.
- Back end using **Node.js** for runtime and **Express.js** framework and **OpenAI** for AI integration.

EXPERIENCE

Content & Software Development, Operations

Jul. 2023 - Present

Codestream Studios LLC

Dallas, TX

- Contributed to the enhancement of existing software systems by incorporating new features and functionalities, leading to a 10% improvement in overall system performance.
- Maintained strong communication and collaboration with educators and stakeholders, aligning technical solutions and new software features with educational goals.
- Collaborated with the content team to integrate educational materials seamlessly within the platform with a React frontend and C/C# backend, enriching the learning experience for platform users.

Full-Stack Developer

Aug. 2021 - Present

750 YP - Chamber of Commerce - Lewisville

Dallas, TX

- Spearheaded the development of a web-based event management platform for a nonprofit organization, creating a seamless user experience from start to finish.
- Designed and developed a user-friendly frontend interface, allowing event organizers to easily create, manage, and promote events, while attendees could seamlessly register and access event details.
- Implemented backend services to manage event data, registration, and ticketing, ensuring data integrity and security.