WENBO LI

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DETAILS

Sugar Land, TX
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LINKS

GitHub

Portfolio

REFERENCE

Slavic Andreev

Principal Software
Engineer at Capital One

writeslavic@gmail.com

CAREER GOAL

Goal-driven software engineer with a passion for creating innovative web applications. Proficient in web development technologies and eager to contribute my skills to dynamic projects.

WORKING EXPERIENCE

Intern at TorPago, San Francisco, May 2023 – present

- Collaborated with software development teams to implement CI/CD pipelines using Jenkins and managed Kubernetes clusters for seamless application deployment and scalability.

Research Scientist at NuProbe USA, Houston, TX November 2022 - April 2023

- Conducted research on molecular biology and contributed to the development of innovative diagnostic technologies.

Research Associate at Baylor College of Medicine, Houston, TX July 2017 - November 2022

EDUCATION

Full Stack Web Developer Bootcamp, Rice University, Houston, TX
July 2022 — January 2023

PhD in Plant Molecular Biology, Beijing Normal University, Beijing, China

SKILLS

Tech skills

- Proficient in HTML, CSS, and JavaScript for creating responsive and accessible web pages, building interactive user interfaces, and performing client-side validation.
- Skilled in using front-end frameworks and libraries like React, Vue.js, or Bootstrap for speedy development and scalability.
- Knowledgeable in cross-browser compatibility, responsive design principles, and debugging techniques.
- Proficient in back-end technologies like Node.js and Express, with hands-on experience in designing and working with relational databases like MySQL and NoSQL databases like MongoDB.
- Adept at collaborating with cross-functional teams to optimize software development processes, including implementing DevOps practices, CI/CD pipelines, and cloud infrastructure.
- Familiar with version control systems like Git, facilitating efficient code management and collaboration.

Soft skills

- Strong problem-solving and analytical skills, with a keen attention to detail.
- Excellent communication and collaboration abilities, fostering effective teamwork and knowledge sharing.
- Passionate about staying up-to-date with the latest web development technologies and techniques

PROJECT HIGHLIGHTS

Virtual Lab Notebook

- Created a virtual lab notebook application using HTML, CSS, JavaScript, and Node.js, allowing researchers to securely store and manage their experimental data with an intuitive user interface for easy data entry and retrieval.
- Implemented a MySQL database to securely store experimental records and user information.

Budget Management System

- Led a team to develop a budget management system for personal finance using MERN stack (MongoDB, Express, React, Node.js).
- Designed and implemented MongoDB database schemas to store financial data, enabling efficient data management and retrieval, and developed RESTful APIs for frontend integration, providing seamless communication and real-time data updates for users.

Tech Blog

- Developed a dynamic tech blog platform that allows users to post their thoughts and comment on posts, leveraging the power of MySQL for efficient data storage and retrieval.