WENBO LI

📍 SUGAR LAND, TX 📞 8324094936

○ DETAILS ○

Sugar Land, TX
8324094936
wenbonp@gmail.com

○ LINKS ○

GitHub
Portfolio

○ REFERENCE ○

Slavic Andreev

Software Engineering Lead
Member Technical Staff at
Salesforce

writeslavic@gmail.com

More references
available upon request

👤 CAREER GOAL

Seeking a role in the tech industry as a software engineer focusing on data management. Aiming to apply my technical expertise in developing user-centric solutions and managing complex data, I'm enthusiastic about contributing to impactful projects and advancing my skills in a dynamic team environment.

★ SKILLS

Tech skills

- Proficient in HTML, CSS, JavaScript, SQL and Golang for creating responsive and accessible web pages, building interactive user interfaces, and performing client-side validation.
- Hands-on experience in designing and working with relational databases, including MS-SQL and Oracle Data Server. Proficient in utilizing NoSQL databases like MongoDB for efficient data storage and retrieval.
- Proficient in back-end technologies, including Node.js Express and Golang, for creating scalable server-side applications.
- Skilled in using front-end frameworks and libraries like React, Vue.js, or Bootstrap for speedy development and scalability.
- 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, knowledge sharing, and reliability.
- Passionate about staying up-to-date with the latest web development technologies and techniques.

💼 WORKING EXPERIENCE

OPS Engineer Intern at TorPago, San Francisco, May 2023 – present

- Played a pivotal role in the engineering team, working closely with bank data to ensure the integrity and security of financial information.
- Enhanced code deployment and application scalability by integrating CI/CD pipelines with Jenkins and managing Kubernetes clusters, crucial for banking operations in a regulated environment.

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

📣 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 5-person 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.

🎓 EDUCATION

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

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