JIAN WU

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Dedicated and versatile full-stack engineer with 5 years experience in designing, developing, and deploying scalable web applications. Proficient in both frontend and backend technologies, adept at bridging the gap between user experience and technical implementation. Strong problem-solving skills and a passion for learning new technologies to drive innovation and deliver high-quality solutions. Excellent communicator with a collaborative mindset, able to work effectively in cross-functional teams to achieve project goals and exceed client expectations.

Skills

- React, Redux, HTML, CSS, Javascript(ES6+), Typescript
- StoryBook, Material UI, Styled Component
- Docker, Jenkins, Vercel, HeroKu, AWS, ServiceNow
- Team player, Bias for action, Deliver result

- Java, python, SpringBoot, SpringMVC, Spring Security, SpringJDBC, Hibernate
- SQL, PosgreSQL, awsDB MySQL, GraphQL
- JUnit, Jest, React test library, Cypress, Selenium

Experience

Open to Opportunities
SELF-EMPLOYED
March 2024 - Present

https://www.jamesresume.online/

- Personal Introduction System:

  A system designed to showcase personal information and project experience, including a self-introduction, skills, project displays, and contact information.The frontend is built with React and TypeScript, using SCSS for styling to ensure a visually appealing and responsive design. The backend is developed with Spring Boot and Spring Security to provide secure API services, with data stored in a MySQL database. The system is containerized using Docker and hosted on Vercel for rapid and efficient continuous deployment.

- Employee Information Management System:

  A system for managing employee information, including basic information entry, editing, deletion, and querying. It also includes performance evaluations and salary management. The frontend is developed using React and TypeScript, providing a user-friendly interface. The backend uses Spring Boot to build RESTful APIs, with Spring Security for authentication and authorization. Data is stored in JawsDB MySQL, ensuring data security and availability. The system is containerized using Docker and deployed on Heroku for hosting and operation.

- US Stock Analysis System(under construction):

  A system for analyzing and displaying US stock market data, including stock quotes, historical data analysis, and prediction model displays.The frontend application is deployed on Vercel, offering rapid continuous integration and deployment services.Backend services are deployed on Heroku, leveraging its robust platform services to simplify operations and scaling.Static resources are stored in AWS S3, with CloudFront and Route53 providing global content delivery to enhance user access speed and experience.

Software Engineer III (hybrid, consultant)
JPMC, Plano, TX
October 2022 - February 2024

- Involved in gathering, analyzing, designing, developing, and testing the application using Agile methodology (**SCRUM**) in a Test-driven development (**TDD**) approach
Developed and maintained software applications with cross-browser single-page applications in **React, Typescript, Javascript, HTML, CSS, Bootstrap, MUI, MDS**, and **Styled components**

- Collaborated with other developers to integrate multiple systems through **GraphQL APIs**.

- Worked with **MockStar** and **WireMock** to simulate back-end data in development

- Experienced in **Storybook** to develop and maintain re-usable components

- Used **Bitbucket** as the code repository and **GIT** for version control

- Implemented various tools for unit testing and end-to-end testing, including **Jest**, **React testing library** and the integration of the **Octogon** and **UDF** framework

- Involved in content validation work on **Confluence page**, ensuring the validity and completeness of the content

- Performed **ADA (Americans with Disabilities Act)** testing on the built code using **GAIA**
Utilized tools such as **AxeTool, TextSpacing, VoiceOver**, and others for comprehensive accessibility testing

- Created stories in **ServiceNow** to participate in **CDN** and **product releases**

- Utilized **SplitIO Feature Flag** for A/B testing of new features across multiple environments(**QA, UAT, Production**), conducting emergency bug fixes and dynamic configurations, and gradually rolling out new functionality

- Coordinated and collaborated with UX teams by using **Figma**

- Troubleshot and resolved technical issues in a timely manner

- Provided technical support to clients and addressed their concerns effectively

- Documented software design and code changes for future reference and team collaboration

- Collaborated with a team of engineers to design and implement new features

Software Engineer (remote, full-time)
BAANYAN SOFTWARE SERVICES
May 2021 - September 2022

- Proficient in languages such as **Java** with microservices-based applications using **Spring Boot**

- Developed and implemented software solutions utilizing Agile methodology, **JavaScript, HTML, CSS** and **React.js**

- Skilled in designing and implementing RESTful APIs using **Spring Boot** and **SpringMVC**, adhering to best practices for resource naming, versioning, authentication, and documentation.

- Integrated **Spring** with other technologies like **Hibernate** for ORM and **Spring Security** for authentication and authorization.

- Designed and implemented responsive user interfaces using third-party libraries: **Bootstrap**, adhering to best practices in UX/UI design

- Experienced in integrating **Jenkins** with version control systems like **Git** for source code management.

- Familiar with **Jenkins plugins** for enhancing functionality and integrating with other tools such as **Docker**, and **SonarQube**.

- Collaborated with cross-functional teams, to understand project requirements and deliver high-quality solutions

- Participated in regular sprint planning, daily stand-ups, and sprint retrospectives as part of an agile development team

- Participated in the testing and debugging of software to ensure functionality and user-friendliness

Frontend developer (onsite, full-time)
ICBC, US
September 2014 - May 2017

- Collaborated with UI/UX designers and backend developers to implement responsive and pixel-perfect web designs using **HTML5, CSS3**, and **JavaScript.**
- Familiar with design tools such as **Figma** and **Adobe XD**, with experience collaborating with UI/UX designers to implement design mockups and prototypes.
- Developed dynamic and interactive user interfaces using **React.js**, optimizing performance by implementing **virtual DOM** and efficient rendering techniques.
- Experienced in optimizing frontend performance using techniques such as **code splitting**, **lazy loading**, **and image optimization**.
- Familiar with **CI/CD pipelines**, automated testing, and deployment strategies using tools like **Jenkins**
- Integrated third-party APIs and services to enhance application functionality and user experience.
- Conducted code reviews, performed unit testing, and participated in Agile development processes to ensure high-quality deliverables within scheduled deadlines.
- Utilized performance monitoring tools to analyze and optimize frontend performance, resulting in improved page load times and user engagement metrics.

Education

Completed coursework towards Bachelor of Science (B.S.) in Applied Mathematics
Northwest University
US

Completed coursework towards Master in Business in Business Administration
Missouri state University, US

Certifications

- AWS Practitioner
- AWS Certified Developer – Associate
- AWS Certified Solutions Architect – Associate