

Jing Yu

Experienced front-end software engineer focused on building accessible digital experiences

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Work Experience

Software Engineer, **Open Parachute** Jan - Aug 2024

- Engineered data-driven and scalable applications using React, Node.js, AWS serverless APIs
- Designed, implemented, and optimized real-time data processing solutions, integrated Google, Microsoft, Clever signup/signin services.
- Delivered pixel-perfect, unit-tested frontends, high-performance AWS serverless APIs, and robust databases, maximizing efficiency and flexibility.
- Built an Analytics system by using Mixpanel & Twilio Segment services
- Wrote Database optimization Queries with Serverless APIs in order to improve loading speed and more.

Full Stack Contract Developer, **Distributed** Jan 2019 - 2024

- Developed high-quality, robust production code using React, Node.js, PHP, C#, Python, and cloud platforms (AWS, Azure).
- Designed, implemented, and optimized real-time data processing solutions, leveraging distributed computing and ML/AI concepts.
- Collaborated directly with project managers and stakeholders to analyze requirements and prioritize features under tight timelines.
- Delivered pixel-perfect, unit-tested frontends, high-performance APIs, and robust databases, maximizing efficiency and flexibility.
- Main Projects: Rightindem, Tavistock, Defend3D, Insightflow, BP-TechFest, Distributed Engineering Team, KHWS and more

Full Stack JS Developer, **CatalystXL** Jan 2017 - 2019

- Engineered scalable application by using React and built optimized & scalable components, making integration solutions with many services that can be used by various 3rd party services.
- Collaborated with other developers to analyze requirement and find the best solutions
- Built pixel-perfect & responsive UI pages and integrated with various services
- Wrote database optimization queries to speed up API response time

Software Engineer, **Rehabmypatient** Jan 2016 - 2017

- Engineered Video call meeting/scheduling web app between clinic and practices
- Developed app integration with REST / SOAP and other APIs for firebase and management system, payment processors, and other services.
- Develop & Maintain rehabmypatient mobile app

Mobile Developer, **CDI services** Jan 2015 - 2016

- Engineered and improved major features of CDI service delivery app using React Native, CodeIgniter, MySQL, Google Maps
- Optimized delivery distance & Costs between store and customers by using Google Maps
- Proposed and implemented scalable solutions to issues identified with cloud services and applications responsible for communicating.
- Collaborated with designers and other developers to ensure thoughtful and consistent user experiences across iOS and Android mobile apps

Skills

Languages/Frameworks

JavaScript (React, Redux, Next.js, React Native, Node.js), Python (Flask), PHP, WordPress, C#, ASP.NET, SQL, .NET, HTML, CSS(Tailwind), Gatsby

Tools/Platforms

AWS, Azure, Google Cloud, Firebase, DynamoDB, MongoDB RabbitMQ, MySQL, PostgreSQL, Terraform

Others

Git, Jira, Docker, CI/CD, Unit Testing (Jest, Enzyme, PyTest, PHPUnit), Umbraco CMS, MixPanel, Segment, Native Base, SuperTokens, Supabase

Selected Projects

Rightindem digital insurance claim

Platform

MULTI-AWARD-WINNING DIGITAL CLAIMS, Worked as full stack engineer with React/Redux and ASP.net developer for 2 years on Distributed company.

Education

East China Normal University

Graduation 2013

Engineer's Degree in computer science

GPA: 3.35

Interests

Table-tennis, tennis, volley ball, science fiction novels, gaming.