Bolong HE

Graduated from Simon Fraser University with a MSc in Applied Mathematics. I am a highly productive full stack engineer that gets challenging tasks done in a high velocity manner. I have profound experience in rapid prototyping, practical problems solving, and strong learning capabilities. I have expertise in JavaScript / TypeScript / Python, and familiar with React / Vue / NodeJS / Flask, I am always be curious and fresh about any software technology that solves problems and accomplishes goals.

Experience

April 2023 – July 2023
Senior Frontend Developer, *Know Your Customer*, Remote.
- Maintained the legacy KYC interface, and develop the new React UI.
Tech Stack: React, Redux, TypeScript

March 2021 – March 2023
Full Stack Developer, *Forsta*, Vancouver, Canada.
- Developed and maintained the frontend project and NodeJS middlewares of the customer experience feedback product in production environment
- Developed a meeting app using Zoom SDK
- Maintained the internal used React components package
- Writing React unit test and end to end test
Tech Stack: React, Redux, NodeJS, Express, Jest, Testcafe

February 2020 – March 2021
Senior Technology Lead, *PwC Shanghai Acceleration Center*, Shanghai, China.
- JS fullstack development, continuous integration and development
- React UI development, including D3.js and Google API integration
Tech Stack: React, NodeJS, MongoDB

February 2018 – February 2020
Python Software Engineer, *3D Medicines Co., Ltd*, Shanghai, China.
∗ *3DMed Star Employee*
- Designed and developed the Python-based distributed bioinformatics analysis framework
- Developed an automatic context generating system for genetic testing report
- A web crawler for genetic variant information
- Designed and developed the frontend, the backend and the database of a clinical knowledge base
Tech Stack: Python, Vue, MySQL, Docer, Redis, Neo4j

Education

2015-2017 **Master of Science in Mathematics**, *Simon Fraser University*, Surrey, BC, Canada.

2010-2015 **Bachelor of Arts with Honours in Applied Mathematics**, *York University*, Toronto, ON, Canada.

Computer Skills

React, Next.js, Vue, NodeJS, Python, MySQL, AWS, Docker, Redis, MongoDB, GraphQL, LaTeX.