XIAOLEI BAO (ALEX)

Full Stack Developer

Stockholm, Sweden

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Portfolio

SKILLS:
- Java,JavaScript,Python
- HTML,CSS, TypeScript
- Node.js,Express.js
- React, Next.js, Redux
- Bootstrap, Tailwind, MUI
- Radix UI
- Prisma, Mongoose
- Headless CMS Sanity, Contentful
- Jest/Vitest, RTL
- Oracle,MySQL,MongoDB
- SpringBoot, Hibernate, JPA
- AWS, Serverless Framework
- AWS lambda, AWS ApiGateway, DynamoDB
- CI/CD GitHub Action
- Git, GitHub
- RESTful API
- RabbitMQ, Redis
- Maven
- GitHub Copilot, ChatGPT 4

LANGUAGES:
- English   level 4
- Mandarin   level 5

HOBBIES
- Following financial news
- Board games

SUMMARY

I have over 5 years full-stack experience. Proficient in both front-end and back-end technologies, including HTML, CSS, JavaScript/TypeScript, React, Next.js, Tailwind CSS, Node.js, Express.js and Java. Demonstrates expertise in database management, RESTful API integration, AWS, Jest/Vitest for Testing, Git and GitHub Action. Proven ability to collaborate effectively with cross-functional teams to deliver robust and user-friendly solutions. Strong problem-solving skills, attention to detail, and a passion for staying up to date with the latest industry trends and technologies. I'm also familiar with AI development tools like GitHub copilot, ChatGPT 4 and Google Gemini.

PROJECT

Share Notes   04.2024

Tech Stack: Next.js, React, TypeScript, Next-Auth, Tailwind, Radix UI, MongoDB, Mongoose, Prisma, Jest
- Using Next.js to implement project structure.
- Using React, Radix UI and Tailwind CSS to implement frontend.
- Using Next-Auth to implement Authentication for Google and GitHub.
- Using MongoDB Atlas to store data.
- Using Jest and RTL to implement Unit Testing and Integration Testing.

Personal Portfolio Website   10.2023

Tech Stack: Vite, React, Three.js, Tailwind, Contentful, Vitest, RTL
- Using Vite to implement project structure.
- Using React, Three.js and Tailwind CSS to implement frontend.
- Using Headless CMS Contentful as backend to Manage data.
- Using Vitest and RTL to implement Unit Testing and Integration Testing.

Personal Social Media Application   06.2023

Tech Stack: Node, Express, React, Redux, MongoDB, Material UI, Jest, RTL
- Using Node.js and Express.js to implement backend.
- Using React and Redux and Bootstrap to implement frontend.
- Using MongoDB to store data.
- Using OAuth2 and JWT to implement Authorization.
- Using Jest and RTL to do Unit Testing and Integration Testing.

Heating Power Integrated Management Platform   2018-2022

Tech Stack: Java, SpringBoot, MySQL, MongoDB, JPA, React, Bootstrap, RabbitMQ, Redis, Python
- Using SpringBoot to implement restful API for backend.
- Using React and Bootstrap to implement parts of frontend pages.
- Using RabbitMQ to receive and consume uploading original data.
- Using MySQL and MongoDB to store formatted data.
- Using python scripts to monitor the health status of services.

Personal Blog Application   06.2022

Tech Stack: Node, Express, React, Redux, MongoDB, Bootstrap
- Using Node.js and Express.js to implement backend.
- Using React and Redux and Bootstrap to implement frontend.

- Using MongoDB to store data.

Personal Learning TodoList Application   06.2021

Tech Stack: Java, SpringBoot, Spring Security, OAuth2, JWT, MySQL,
JPA, React, Bootstrap
- Using SpringBoot to implement restful API for backend.
- Using React and Bootstrap to implement frontend.
- Using MySQL to store data.
- Using Spring Security to secure the restful API.
- Using OAuth2 and JWT to implement authorization.

Residential Heating Management Platform   2017-2020

Tech Stack: Java, SpringBoot, Oracle, MongoDB, JPA, Bootstrap, EJS,
JQuery, Netty, RabbitMQ
- Using Netty to implement data uploading from hardware devices by UDP
  protocol.
- Using RabbitMQ to receive original data and transfer data to MongoDB
  and oracle.
- Using Bootstrap and EJS to implement parts of frontend pages.
- Using SpringBoot to implement restful API for backend.

PROFESSIONAL EXPERIENCE

Beijing HDZB Co. Ltd   04.2014 – 09.2022
Full Stack Developer   Beijing, China
- Engaged in products designing and technology selections.
- Developed backends of a few web applications.
- Developed parts of web applications frontends.
- Engaged in developments of internal tool libraries.
- TroubleShooting.

Asia Info Technologies (China) Inc.   04.2011 – 01.2014
Backend Developer   Beijing, China
- Engaged in developments of old platform refactor.
- Developed backends of a few web applications.
- Developed parts of web applications frontends.
- Engaged in testing works of web applications.
- TroubleShooting.

EDUCATION

Tsinghua University   09.2009 – 05.2011
Master of Software Engineering   Beijing, China

Beijing University of Technology   09.2003 – 07.2007
Bachelor of Communication Engineering   Beijing, China