Yuxian Xu

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SUMMARY

Skilled Software Engineer with 3 years of expertise in web and SaaS platforms, focusing on front-end development with React and TypeScript, and back-end service optimization. Proven ability in API development and performance tuning of relational and NoSQL databases. Committed to collaborative problem-solving and technical excellence, ready to drive product innovation in a dynamic team environment.

EDUCATION

Web Development   2021-2022
BrainStation Vancouver

Master of Business Administration   2006-2009
Capital University of Economics and Business

EXPERIENCE

D3 Security

Software Engineer - Integration Team   Mar 2023 - Feb 2024

- Developed and refined over 30 3rd party integrations and APIs, elevating platform performance and engineering workflow. My direct efforts enabled seamless system compatibility and reinforced product security.
- Architected and deployed a comprehensive live server monitoring system, capable of real-time alerting through email and instant messaging, covering critical metrics like CPU, memory, storage, and database health for SQL and MongoDB. Successfully integrated on over 50+ global servers, this system was pivotal in reducing production incidents by 90%.

Software Engineer - Front End Team   Oct 2022 - Mar 2023

- Engineered a comprehensive Administrator Reporting Dashboard for a SaaS application, enabling automated visual reporting and scheduled email dispatch that segmented data by category and topic. This enhancement played a key role in boosting client acquisition by 26% from the previous quarter.
- Constructed 80+ incident and event widgets by interfacing with database.

Grouppers Inc

Front End Developer   Oct 2021 - Oct 2022

- Constructed 3 modern E-commerce sites utilizing React's context API, hooks, MongoDB/Mongoose, Paypal integration, JWT Authentication, AWS S3, Vercel, and Cloudinary storage.
- Pioneered 4 responsive CMS platforms, with a back-end foundation of MongoDB, Express, and Node.js. Utilized REST API, Vue.js, and Vuetify on the front-end, ensuring a seamless user experience for post creation, image uploads, and content editing.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C#
Front-end: React, TypeScript, Vue, ES6, Next.js, Tailwind CSS, Ant Design, Material UI
Back-end: .NET CORE, Node.js, REST APIs, GraphQL, OOP practices
Database: Microsoft SQL Server, MongoDB, PostgreSQL
DevOps & Tools: Azure, Kubernetes, AWS infrastructure, Docker, Git, Jira, Figma
Side projects: AI Chatbot in WeChat Group, Online Study Room