YUFENG LI

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Skills

- **Frontend**: React, Next.js, Angular, Three.js, GraphQL, tailwindcss, Mobx, rxjs

- **Backend**: Rust, Node.js, PostgresSQL, MongoDB, grpc

- **Tools**: Docker, Kubernetes, AWS cli, Python

Experience

Full-stack Developer, spaice (pro.spaice.ca) — 2020-Present

- Architected the frontend structure and implement frontend using React and Next.js, the frontend incorporates SSR, GraphQL, Hooks API.

- Developed the backend which uses Rust, PostgresSQL and manage multiple services written in Rust or Node.js. The backend delivers api in GraphQL standard, the services communicates with each other via grpc.

- Handled AWS message queue SQS via a Node.js service, implemented all grpc calls to Rust server and stores user notifications in MongoDB.

- Synced and managed subscription and one-time online payment through Stripe in the backend.

- Created the three.js based 3D design tool and canvas based 2D mood board tool in browser.

- Participated in maintaining the deployments using Kubernetes and Docker.

- Participated in creating GitHub action workflow.

Frontend Developer, Ventmere — 2019-2020

- Developed the frontend for various services in React and Angular. Creating interactive dashboards and analytics for marketing and merchandising.

- Implemented a template decoder for generating excels with custom syntax.

- Designed pipelines to sync product data with various marketplace like Amazon, Newegg, etc.

- Participated in maintaining the backend and fix numerical or display issues.

Education

University of Toronto — Honours Bachelor of Computer Science, 2014-2019

References

Github: https://github.com/derekli19951103

Website: https://portfolio-derekli19951103.vercel.app

LinkedIn: https://www.linkedin.com/in/yufeng-li-567a3517a