Kevin Dong

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🧠 | skills

Languages:

C/C++, JavaScript, Python, Ruby, Java, RISC-V, VHDL, Verilog, SQL

Tools, technologies and frameworks:

Docker, React, K8s, jQuery, Node.js, Nginx, Shell Scripting, Git/SVN

</> | projects

Personal Website

React and Flask are used as frontend and backend and deployed separately as containers to GCP with K8S.

Ozy

A high performance music bot on discord embedded with Netease Music API, over 50 monthly active users.

vCoin

Created a blockchain-based cryptocurrency with C++ and encrypted each block using SHA256 and RSA.

💼 | work experience

PointClickCare   Software Engineer

Toronto, Canada • Jan - Apr 2021

- Lead and architected microservice solutions to provide new functions and higher click-through rate, benefiting 10+ teams.
- Designed new user experience based on 20+ user studies to reinvent outdated product.
- Refactored existing code to reduce the amount of calculations and sped up user workflow by 70%.
- Generated test cases and solved 80+ bugs during the employment.

CIBC   Software Developer

Waterloo, Canada • May - Aug 2020

- Developed and tested full-stack web app using Flask and React.
- Containerized applications using Docker and Nginx, the image sizes are minimized.
- Added end-to-end features for the data science teams, for API calls to React binding and UI rendering.
- Designed and implemented relation databases for analytical purposes.

Safyre Labs   Full Stack Developer

Toronto, Canada • Sep - Dec 2019

- Optimized data filtering solution for greater flexibility and reduced the number of backend calls by 50%
- Implemented server-side rendering on jewlr.com and cut the loading time by 70% with a consistent SEO performance
- Created an e-commerce platform CMS that aligns user details with the database
- Developed UI model react components with styled-components

🎓 | education

University of Waterloo

Bachelor of Applied Science - BASc
Computer Engineering 2018 - 2023