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Chris Pua

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Front End Software Engineer

Front End Software Engineer with 3+ years of experience and strong fundamentals in front end technologies. Loves building scalable web infrastructure and making websites fast. Passionate about programming languages and user-centered design.

Skills

Languages: JavaScript | TypeScript | HTML | CSS | C# | Python

Technologies: React | Next.js | Node.js | Azure | Redux | Express | .NET | Tailwind | Jest | Capacitor | Git

Work Experience

Slalom Build, Toronto | Full Stack Software Engineer | 10/2021 – Present

- Developed internal social media platform with two other engineers that drove \$5 million in revenue + costs saved and resulted in two more project initiatives
- Built end-to-end features such as a custom file manager component that performed CRUD operations to Azure Blob Storage in React, TypeScript and Next.js while enforcing secure file sharing and best practices
- Leveraged the Capacitor native runtime framework to establish the foundation for a Progressive Web App MVP and developed feature work for authentication and mobile notifications on Android and iOS.
- Refactored application architecture to optimize load times resulting in an 88% increase in web performance and populated existing, untested components with unit tests using the Jest framework.

Ceridian Dayforce, Toronto | Full Stack Developer | 05/2019 – 08/2020

- Developed and deployed end-to-end features using C#, JavaScript, SQL and Git on a team of three devs
- Implemented new UI authentication features from mocks to prevent embezzlement from payroll employees
- Implemented API security checks to defend against vulnerability attacks through robust user validation
- Reduced manual debugging time of database errors generated by invalid user data by over 93%

Project Experience

[Foodie](#) | React / Next.js / Vercel / PostgreSQL / Heroku

- Developed a web app that can save restaurant information such as the items ordered, location, pricing, and emotions regarding the restaurant and food ordered

ForeSight | Flutter / Python 3.0 / TensorFlow / AWS

- Developed a mobile app in a team of four that screens medical skin conditions with 85.68% accuracy from a machine learning R-CNN model hosted on an EC2 instance

Education

BASc in Computer Engineering, Graduated in 2021
University of Toronto, Toronto

Leadership Experience

YNCN University of Toronto | Director of Operations and Logistics

04/2018 – 03/2020

- Led a team of eleven to organize two career fairs to provide professional development opportunities between 180+ companies and 8,000+ students from UofT in attendance
- Reduced \$8,000 worth of event-related expenses by performing cost-benefit analyses of previous years' financial records and comparing alternative suppliers and services