

Chris Pua

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Skills

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

Technologies - React | Next.js | Node.js | Azure | Redux | Express | .NET | SQL | NoSQL | Jest | Git

Work Experience

Slalom Build, Toronto | Full Stack Software Engineer

10/2021 – Present

Government Electricity Generator

- Developed an internal social media platform with two other engineers that drove \$5 million in revenue + costs saved, resulting in the launch of two subsequent projects
- Designed and built end-to-end features including a custom file manager component that performed CRUD operations to Azure Blob Storage in React, TypeScript and Next.js while enforcing best security practices
- Mentored colleagues in the fundamentals of React and CSS, leading to improved team performance

Healthcare Workforce Management Company

- Refactored application architecture to optimize load times resulting in an 88% increase in web performance in TypeScript and Redux. Populated existing, untested components with unit tests using the Jest framework
- 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

Real Estate Company

- Created and demo-ed to key stakeholders AI PoC modernizing real-estate searching that handled complex natural search queries resulting in securing contract sale in React, Python and Azure

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
- Applied 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

University of Toronto, Toronto | ASc in Computer Engineering

Graduated 2021

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