

# 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
- Conducted demo sessions to clients by showcasing value in key features to build trust and gather feedback

*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
- Built and tested RESTful endpoints that handled credential file uploads for a microservice in .NET

*Relocation Service Company*

- Engineered reusable React form components handling key user data to assist employee relocation services
- As React subject matter expert, led internal project training sessions to teammates in React and CSS

*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 | BSc in Computer Engineering

**Graduated 2021**