

Andre Cura

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TECHNICAL SKILLS

Languages: JavaScript (ES6), TypeScript, HTML, CSS, SQL (Postgres), Python, C/C++

Frameworks: React, React Native, Expo, Node.js, NestJS, Express.js

Developer Tools: Visual Studio Code, Git, Jira, Bitbucket, Docker

Libraries: Bootstrap, GraphQL, knex.js, TypeORM

EXPERIENCE

Tasttlig Corporation

Toronto, ON

Part-time Software Developer

September 2021 – July 2022

Food Festivals Web Application | *React, Node.js, Express.js, knex.js, PostgreSQL*

- Added search features for business and products in the database
- Extended a form library to support input fields for addresses using React Google Places Autocomplete
- Implemented a feature that allows to pin business entities on a map with Google Maps JavaScript API
- Implemented a workflow for providing payouts to businesses using Stripe
- Discovered and addressed a security vulnerability in the payment workflow

Rewrite of Food Festivals Platform | *React, TypeScript, Node.js, NestJS, TypeORM, PostgreSQL*

- Implemented a password reset workflow in the backend with an email service using NestJS mailer module
- Created the business entity in the backend and implemented CRUD for it, including implementation of the business registration workflow
- Added support for determining location of businesses from their addresses using Google Geocoding API

Food Festivals Mobile Application | *React Native, Expo*

- Refactored forms to use Formik and Yup for validation
- Upgraded and refactored the application to target Android Level 30
- Updated workflows for sign up, business registration and login

Software Developer Intern

June 2021 – August 2021

Portfolio Website | *React, CSS*

- Developed a static website which served as a portfolio site for the company

Food Handler Certification Course Platform | *React, Bootstrap, Node.js, Express.js, knex.js, PostgreSQL*

- Implemented a new feature to one of the platforms of the company that food handler certification courses platform of the company to allow users to upload documents and submit course information, using AWS S3 for file storage and PDF.js for document viewing

EDUCATION

University of Toronto

Toronto, ON

Honours Bachelor of Science in Life Sciences, Major in Neuroscience

September 2020 – April 2024

Microsoft Certified: Azure Fundamentals

Issued September 2022

Microsoft Certified: Security, Compliance, and Identity Fundamentals

Issued November 2022

EXTRA-CURRICULARS

CyberSci Regional Qualifiers 2022-23

Toronto, ON

- Achieved 3rd place in Toronto Region

November 2022

picoCTF 2022

- Achieved 3rd place in the global standings

May 2022

University of Toronto Capture the Flag (UofTCTF)

Toronto, ON

Club Executive

June 2021 – August 2021

- Conducted learning sessions for a club of more than 500 members, with training in reverse engineering and binary exploitation