

# Andre Cura

647-674-2715 | Toronto, ON | [ajlcura@gmail.com](mailto:ajlcura@gmail.com) | [linkedin.com/in/drec](https://linkedin.com/in/drec) | [github.com/kako57](https://github.com/kako57)

## TECHNICAL SKILLS

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

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

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

**Libraries:** Bootstrap, GraphQL, knex.js, TypeORM

## EXPERIENCE

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### 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 implented 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

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### 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

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### 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