

# Charles Marttinen

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## Summary

Full stack developer experienced in designing and building web applications and APIs in React and Python/PHP.

## Skills

### Front-end/Browser

- JavaScript (ES5+): browser DOM API, React, Redux, GraphQL and REST APIs, jQuery
- Familiar with React-Native
- Accessible HTML and advanced CSS (Sass)

### Back-end

- Python (Django), Graphene-Python (GraphQL server), PHP (Symfony Framework), Node.js
- SQL (Oracle, MySQL, PostgreSQL)

### Design

- UI design focusing on usability and UX
- Adobe Suite (XD, Illustrator, InDesign, Photoshop)
- Vector graphics and logos

## Education

### Self-directed

*Web Development* / Spring 2018 – Present (full-time)

### Georgian College of Applied Arts and Technology

Diploma in *Graphic Design Production* / Fall 2016 – Spring 2018

### Ontario Secondary School Diploma

2013

## Experience

### PokéAPI (Open Source Public REST API)

*Core Maintainer (volunteer)* / Summer 2018 – Present

I re-built and maintain the website, handle support requests, and helped migrate to new static hosting.

### Port of Wilmington, Delaware

*Software Programmer* / March 2015 – May 2016

- Redesigned and began long-term rebuild of company Intranet based on Symfony Framework (PHP)
- Built pilots of web-based forklift-mounted tablet system for managing pallet movements within warehouses and mobile web-app for tracking shipping container movements for use in the field (React)
- Created and used REST and SOAP web APIs

### The City of Barrie

*Facilities Generalist* / Spring 2014 – March 2015

Cleaned two public buildings and handled minor repairs.

### Marttinen Finish Carpentry

2009–2014, Spring/Summer 2017

## Misc.

### Zend PHP Engineer Certification

July 2015