# **Fullchee Zhang**

# Full stack developer

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# **EXPERIENCE**

# React, Django and SQL full stack developer

Forma.ai

Toronto









- Drag & drop dashboard builder
  - shift left: enable other teams (closer to customers) to create dashboards
  - Developed and implemented a streamlined system to automate syncing and running SQL queries from GitHub
  - resulting in a 100% reduction of our team's SQL guery maintenance
- Built and maintained custom React dashboards for clients
  - Wrote efficient SQL queries on tables with millions of rows
- Implemented new frontend components in Storybook to encourage reuse
- Learned in public (lead dev article club, wrote docs, posted on Slack)

# Front end developer

**IBM** 

Markham (Toronto)

June 2019 – Feb 2021 (1.75 years)



- No-code workflow builder that leverages legacy IBM BPM
  - Created components with JS and LESS
    - responsive, accessible and matches IBM's design system
- Authored Windows and Linux dot file scripts to automate VM setup
  - transition from Windows to Linux VMs for 16x faster build times
- Improved DX and dev productivity with TypeScript and Node.js scripts
  - automate uploading CSS changes (faster development and feedback)
  - meaningful diffs with IBM's git (to avoid overriding another's changes)

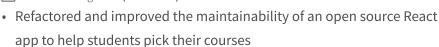
# Open source front end developer

Courseography



JS

Jan 2019 – Aug 2019 (8 months)



Tested with React Testing Library and Cypress.io to ensure correctness

# Implementation/QA engineer

pVelocity Inc.

Toronto

(S)

May 2017 – April 2018 (1 year)

- Created automation tools with Node.js and MongoDB to increase the reliability of the tests
- Implemented XML test cases to ensure the quality of the product

### **PROJECTS**

# Hongfagranite.com



- Designed and built a Gatsby, React and Sass site for a local business
- i18n support for English and Chinese
- Google Maps API integration

## **Toronto water monitor**



- Send daily API requests to get water consumption data
- Send an email if water usage exceeds the set limit

#### Reminders





- Display saved links (YouTube and podcasts) with notes and tags
- Ability to select a link at random
- React, Django, Python, PostgreSQL

#### **Create batch calendar events**



- Create calendar events in seconds
- Google Calendar API integration

#### **Tech Notes**



- Repo with all of my markdown notes
- Previously used MKDocs, migrated to Obsidian

# Portfolio (fullchee.com)



digital playground

#### **EDUCATION**

#### **BS, Computer Science Major**

University of Toronto



GPA: 3.81 Statistics Minor

Dragon boat athlete