

Fullchee Zhang

Full stack developer

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EXPERIENCE

React, Django and SQL full stack developer

Forma.ai

📍 Toronto

📅 Mar 2021 – Present (~2.5 years)



- 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 query 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)

JS

- 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

📍 Toronto

📅 Jan 2019 – Aug 2019 (8 months)

JS

- Refactored and improved the maintainability of an open source React app to help students pick their courses
- Tested with React Testing Library and Cypress.io to ensure correctness

Implementation/QA engineer

pVelocity Inc.

📍 Toronto

📅 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

JS

- 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

📅 2014 – 2019

GPA: 3.81

Statistics Minor

Dragon boat athlete