

Dong Hu

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EXPERIENCE

Zapier, Software Developer

AUG 2021 - PRESENT - REMOTE

- Migrated multiple monolithic frontend applications into **Next.js** microservices while leveraging server side rendering to increase web vital metrics and SEO
- Refactored BFF **Apollo GraphQL** queries, leveraging caching to decrease overall latency in data fetching
- Reduced excessive re-renders while increasing unit and integration test coverage on hooks, graphql queries and components with **Jest** and **Mock Service Worker** by 40%
- Integrated a scalable solution to allow generic Zap organization and access for future organizational patterns that require workspaces and nested nodes built in **Django**

ApplyBoard, Software Developer

AUG 2017 - JUL 2021 - KITCHENER, ON

- Migrated legacy monolithic web-application built with **Ruby on Rails** to a vertically sliced **React.js** microservice architecture
- Automated interaction with web portals and PDFs in order to expedite internal customer experience workflow by creating a **Google Chrome extension** written in **JavaScript** and **jQuery**
- Stabilized backend payment infrastructure and scaled frontend interfaces to allow **micro-transactions**, promotions, increased user engagement
- Increased developer productivity by building **RESTful APIs** following **JSON:API** standards and documentation with **SwaggerUI**

MyPlanet, Software Developer Internship

AUG 2017 - SEPT 2017 - TORONTO, ON

- Spearheaded design of real-time twitter feed prototype app built with **Node.js**, **React.js**, **MongoDB** leveraging **IBM Watson** to analyze social media engagement for Girl Guides of Canada

EDUCATION

Lighthouse Labs, Web Development

MAY 2017 - JUNE 2017 - TORONTO, ON

University of Waterloo, Bachelor of Science

SEPT 2012 - APR 2017 - WATERLOO, ON

Kinesiology, Minor in Pre-Health Professions

TECHNICAL SKILLS

Languages: JavaScript (ES5, ES6), TypeScript, Ruby, Python, SQL, HTML/CSS, PHP

Frameworks: Ruby on Rails, Node.js, Next.js, Express.js, GraphQL, Apollo, Flask, Django, MySQL, PostgreSQL, MongoDB, Heroku, Git, Docker, Kubernetes, Jest, Enzyme, Postman, Cypress, AWS S3, AWS ECS, AWS ECR

Libraries: React.js, Redux, VueJS, Kafka, ZooKeeper, Bootstrap, jQuery, BeautifulSoup, Selenium, Cucumber, Mock Service Worker

PROJECTS

Shopify Release Monitor

- Notifies updates of a shopify store utilizing **Docker**, **MongoDB** and **Discord.js**

Instagram Mass Like, Follow, Unfollow

- **Google chrome** scripts allowing Instagram user to mass like posts, and follow/unfollow users

Itineraryoo

- Travel planning app built with **React.js**, **PostgreSQL**, **Google Maps API** enabling users to collaborate on a desired itinerary