

Jonathan Wong

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Full Stack Software Engineer with a passion for discovery, spanning web development, photography, and sketching. With technical skills in Java, Spring Boot, Angular, Ruby, Rails, React, and JavaScript, and a background in Economics and Public Policy, I bring analytical attention to detail, interpersonal skills, and an aspiration to help the world through coding. Looking for Software Engineer work that prioritizes client support, critical thinking, and communication to achieve technological goals.

TECHNICAL SKILLS

Proficient: Java, Spring Boot, TypeScript, Angular, Ruby, Sinatra, Ruby on Rails, JavaScript, React, Redux, SQL, HTML, CSS, Git, AWS (Simple Queue Service, Cloudwatch, Elastic Container Service)

Exposure: Rspec, Capybara, STATA, SPSS

EXPERIENCE

Infosys

Senior Associate

Jersey City, NJ
06/2021 – 02/2023

- Coordinated with the web development team to build the backend for client websites using Spring Boot
- Created microservices applications by writing custom code to suit internal stakeholders' needs using Java
- Expanded features, refined code, and improved processes, producing smoother operations on internal applications
- Created Single Page Applications using RESTful APIs allowing for faster load times and better user experience using Java, Angular, and Spring Boot

Dow Jones

Application Developer

Monmouth Junction, NJ
11/2021 – 10/2022

- Created and deployed new APIs and made modifications to existing APIs based on new needs as requested on applications through WinSCP and PuTTY using Unix
- Created queues and authorization rules to enable communication between different applications to minimize complexity and runtime dependencies
- Deployed various fixes and implementations for new APIs on applications and worked with other deployment teams to ensure continuous improvement and development
- Used AWS Simple Queue Service to verify new queues, AWS Cloudwatch to monitor logs as requested, and AWS Elastic Container Service to check if the servers are running

Whitney Hu for City Council 2021

Website Associate

Brooklyn, NY
11/2020 – 03/2021

- Coordinated with the Project Director to develop, format and deploy content
- Assisted and support in the upkeep and maintenance the website
- Aided in the Restaurant Directory Outreach via community outreach to support restaurants in the campaign district

TECHNICAL PROJECTS

Git-It-And-Did-It – [GitHub](#) – A bug tracker/task management app

- Constructed RESTful API using Ruby on Rails and integrated it with a React front-end
- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side

BookStore – [GitHub](#) | [Demo](#) – An e-commerce store for users to purchase books

- Created single-page-application using React and Redux for a dynamic user experience
- Built backend API using Ruby on Rails framework

MegaStore – [GitHub](#) | [Demo](#) – An online marketplace, facilitating consumer-to-consumer sales

- Built content management system using Ruby on Rails and the MVC pattern
- Utilized OAuth gem allowing users to sign up via GitHub

EDUCATION

Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript program

New York, NY
02/2020

Hunter College, City University of New York

Bachelor of Arts in Economics, Public Policy Certificate (Urban Policy), Minor: Psychology

New York, NY
06/2017