Jonathan Wong

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As a Full Stack Software Engineer, I possess a passion for innovation, encompassing interests as diverse as web development, photography, and sketching. With technical skills in Java, Spring Boot, JavaScript, React, Python, Angular, Ruby, Ruby on Rails, as well as a strong academic background in Economics and Public Policy, I am equipped to deliver cutting-edge solutions with unparalleled analytical precision and attention to detail. With a firm commitment to leveraging technology for the betterment of society, I am actively seeking Software Engineer opportunities that prioritize client support, critical thinking, and effective communication to drive the realization of ambitious technological goals

TECHNICAL SKILLS

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

EXPERIENCE

Infosys   Jersey City, NJ
Senior Associate   06/2021 – 02/2023
- Collaborated closely with the web development team to construct the backend of client websites, using Spring Boot
- Created Java microservices applications to meet internal stakeholders' requirements
- Enhanced application functionality, optimized code structure, and streamlined internal processes, culminating in significantly improved operational efficiency across all systems
- Crafted Single Page Applications using RESTful APIs utilizing Java, Angular, and Spring Boot to deliver seamless user experiences and faster load times

Dow Jones   Monmouth Junction, NJ
Application Developer   11/2021 – 10/2022
- Utilized Unix-based tools such as WinSCP and PuTTY to create and deploy new APIs, and modify existing APIs based on needs requested
- Devised and implemented queues and authorization rules to facilitate streamlined communication between applications, reducing complexity and minimizing runtime dependencies
- Deployed of various bug fixes and updates for APIs across applications, collaborating closely with other deployment teams to ensure seamless integration and continuous improvement
- 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   Brooklyn, NY
Website Associate   11/2020 – 03/2021
- Coordinated with the Project Director to develop and deploy engaging, high-quality content to ensure optimal presentation
- Provided support in maintaining and updating the website

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

EDUCATION

Flatiron School   New York, NY
Full Stack Web Development, Ruby on Rails and JavaScript program   02/2020

Hunter College, City University of New York   New York, NY
Bachelor of Arts in Economics, Public Policy Certificate (Urban Policy), Minor: Psychology   06/2017