Jay Han

New York, NY **|** (516) 305-9944 **|** Jay.H.Han59@gmail.com **|** linkedin.com/in/jay-han59 **|** jaehoonhan.github.io

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, SQL, Swift
- **Technologies:** React, React Native, Node, Express, Django, RESTful APIs, Redux, MongoDB, PostgreSQL, Redis, Knockout.js, HTML, CSS, Jest, Enzyme, Amazon Web Services, Jira, git, macOS

PROFESSIONAL EXPERIENCE

Fuyu Ramen Inc (Contract)   April 2024 – Jan 2025
Full Stack Developer / Mobile Developer   New York, NY

- Developed an in-house application for online orders using React, enabling real-time menu updates and cart management via Redux; drove over $2.5K in gross sales in its first month.
- Built a React Native merchant dashboard app, allowing store owners to manage store hours, menu availability, wait times, and orders; integrated a thermal printer for automated order receipts.
- Engineered a server-side application using Express for APIs/middleware, Stripe for payments, Redis for caching, AWS SES for emails, and AWS Lightsail for hosting, ensuring reliability and efficiency.
- Designed and launched a new business website with React, reducing page load time by 80% through client-side routing and modern responsive design; achieved an SEO Lighthouse score above 90 for optimal search visibility.
- Managed the software development lifecycle, from initial planning and architecture design to implementation, testing, and deployment, ensuring adherence to timelines and budget constraints.

Octane Lending   Sept 2021 – Dec 2022
Software Engineer   New York, NY

- Implemented futures on a multi-page web application, allowing dealers and lenders to apply/approve loans towards non-automobile vehicles using React, Knockout, Django, and PostgreSQL.
- Launched "Recreational Vehicles" in loan decisioning services and a new RV user experience for web portal; accounted for 100 million dollars in loan originations the following quarter.
- Engineered modern routing and view model architecture using Java Access Bridge, KnockoutJS, and ReactJS, enabling a seamless lending experience within a partner's embedded Java browser, resulting in our service being immediately available to 1,600 dealerships and a $2B powersports market.
- Maintained test coverage on 100% of newly written code using Jest, Enzyme, and Python, leading to a 53% reduction of outages and bugs over the following two quarters.

EDUCATION

John Jay College (CUNY)   May 2021
Computer Science and Information Security (B.S.)   New York, NY

- VP of the Computer Science Society
  - Led coding workshops (Python intro, html canvas), and founded our Discord server (750 members) for CS course help and more.

PROJECTS

Rocketship | React.js, Express.js, Node.js, MongoDB, AWS, Plot.ly API, Polygon.io API

- Collaborated with a team of 4 to design a stock trading sandbox web application where users can trade with virtual cash and stocks, utilizing Plot.ly and Polygon.io for stock data visualization.

Rootify | Swift, Xcode Interface Builder, Parse, AlamofireImage, Plant.id API

- Developed an iOS app using a plant image detection API to identify plant species, retrieve maintenance data, and automatically update the user's plant diary with detailed plant profiles.