

Jay Han

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Full-stack developer with professional experience using ReactJS, Django, PostgreSQL, and testing using Jest and Python for a financial tech startup with a degree in computer science.

SKILLS

- **Programming Languages:** JavaScript, Python, SQL, C++, Swift
- **Technologies:** ReactJS, KnockoutJS, Django, HTML, CSS, Jest, Enzyme, Jenkins, PostgreSQL, Amazon Web Services, Node.js, Express.js, MongoDB, Parse, MySQL, Flask, git, macOS, Linux

PROFESSIONAL EXPERIENCE

Octane Lending,

Sept 2021 – Dec 2022

Software Engineer

New York, NY

- Vertically scaled a multi-page web application that allows dealers and lenders to apply/approve loans towards non-automobile vehicles using React, Knockout, Django, and PostgreSQL.
- Launched “Recreational Vehicles” to our loan decisioning service and a new RV user experience for our web portal, responsible for 100 million dollars in loan originations for the following quarter.
- Implemented modern routing and view model architecture using Java Access Bridge, KnockoutJS, and ReactJS to build a robust lending experience within a partner’s embedded Java browser, resulting in our service immediately available to 1,600 dealerships and a 2 billion dollar 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 (B.S.)

New York, NY

- Vice President of the Computer Science Society

PROJECTS

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

- Collaborated with a team of 4 to design a stock trading sandbox web application where users can trade with virtual cash and stocks.
- Developed a data history visualization component utilizing Ploy.ly and Polygon.io to graph stock and portfolio data by recent year, month, and day.

Rootify | Swift, Xcode IB, Cocoapods, Parse, Plant.id

- Developed an iOS app that utilizes the Plant.id machine learning API for camera identification and tracks plant maintenance cycles.
- Utilized Xcode Interface Builder for storyboard navigation and data segues, and Parse for user data.

PyNIDS | Python, socket

- Constructed a Linux local area network intrusion detection system that scans a local network and warns the user of any suspicious IP’s or ports, as well as displaying detailed packet info.

CERTIFICATIONS

JPMorgan Chase Virtual Software Engineer Experience

Jan 2021

- Apply technical skills using Python and React with JPMorgan Chase frameworks to handle hypothetical requests from the firm’s trading floor to analyze and visualize data.