MAX MUELLER
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SKILLS:

JavaScript	TypeScript	React	Redux	React Testing Library
React-strap	Styled Components	MyBatis	REST API Development	
Java	Spring Boot	JUnit	Python	Flask
DevOps	Atlassian Suite (JIRA, BitBucket, Confluence)	CI/CD	Jenkins	

WORK EXPERIENCE:

Full-Stack Software Engineer
J.P. Morgan Chase & Co. – New York, NY   September 2020 – Present
- Developed a client relationship management front-end using TypeScript, React, Redux, and Ag-grid.
- Built back-end for the CRM with Java, Spring Boot, and MyBatis.
- Wrote unit tests using React Testing Library for the front-end, and JUnit for the back-end.
- As sole developer for this CRM, I carried out refinement sessions for understanding business requirements, led demos with the business side, and planned production releases.
- Built a financial advisor tool as a micro-ui (same tech stack as the CRM), packaged with rollup.js and consumed by multiple applications external to my team.
- Followed DevOps and Agile best practices.
- Served as Ag-grid subject matter expert and helped external teams with their blockers.
- Volunteered to onboard interns and new hires. Built a demo app using SWAPI.dev to teach them React and JavaScript.

Front-End Software Engineer
J.P. Morgan Chase & Co. – New York, NY   August 2019 – September 2020
- Developed a proof-of-concept financial trading platform with React and JavaScript.
- Used HighCharts to create high-impact financial visualizations to help attract large institutional investors (primary market entities) to invest in the bank's newest ETF which grew from $200M in 2019 to $800M by September 2020.
- Front-End development in .NET (WPF/C#) to maintain an end-of-life trading dashboard.

Software Engineer Intern
J.P. Morgan Chase & Co. – New York, NY   June 2018 – August 2018
- Developed RESTful microservices in Java with Spring Boot that reconciled account payments and transfers to keep the integrity of millions of daily transactions.

Research Assistant
Open HID Labs at Florida International University – Miami, FL   May 2017 – May 2019
- Helped PhD candidates with research focused on blockchain protocol, decentralization, and scalability.
- Wrote part of the blockchain's code using Python, and summarized research papers.

EDUCATION:

B.S. Computer Science
Florida International University - Miami, FL   2019
- Summa Cum Laude, GPA 3.93/4.00

OTHER PROJECTS:

Force For Good: ASME Data Visualization Dashboard   September 2019 – May 2020
- Participated in a non-profit activity to build a data viz tool using Tableau that highlights past and current events, attendees, and other general information for the American Society of Mechanical Engineers (ASME).
- https://www.asmefoundation.org/our-impact/data/asme-efest/

Miami-Dade County Animal Abuser Registry   January 2019 – May 2019
- Designed and developed a WCAG2.1 (ADA) compliant animal abuser registry website in React.JS + Redux that serves as a portal displaying the information of criminals charged with animal abuse in the Miami-Dade County.
- https://www.miamidade.gov/Apps/ASD/CrueltyWeb/

Google IgniteCS   August 2018 – May 2019
- Program Director for the Google IgniteCS (now Google Education) at FIU.
- Served as part of the Executive Board in Upsilon Pi Epsilon.
- Put together a team of 6 students, designed and developed a React.JS app to track mentors, students, schedule, schools, and attendance.