

**SKILLS:** Front-end engineering, React.js, JavaScript, Next.js, HTML5, CSS, Material UI, Node.js, Redux.js, Express.js, Oracle SQL Developer, Jenkins, Ansible, OpenShift, Jira, Bitbucket, Agile Development, Jest, React Testing Library, TypeScript, VSCode Extensions.

## **PROFESSIONAL EXPERIENCE:**

### **Bank of America: Software Engineer II**

**March 2022–Present**

- Rewrote a JSP/jQuery maintenance app using React/Node in order to help NPT remediation efforts.
- Contribute to development and feature enhancements of a Node.js, React application.
- Write unit tests using Jest and React Testing Library, and functionally test via QTest.
- Code proofs of concept, complex solutions, ensure integration according to acceptance criteria, business requirements and overall business goals, and participate in pull request reviews.

### **Bank of America (Contractor, Diversant LLC): Software Engineer**

**March 2022–September 2022**

- Wrote a ReactJS app to automate adjustment and regulatory reporting processes, enabling users to free up to 30 hours a month, ~50 manual file edits, and reduced risk by centralizing data.
- Developed a VSCode Extension which combines Webviews, React, and TypeScript to create a form-based app in order to support an Extract-Transform-Load (ETL) tool.

### **Council on Foreign Relations: Associate Web Developer**

**October 2020–March 2022**

- Used front-end development (including HTML5, CSS, JavaScript, React, D3, responsive email, Node) to develop websites, data visualizations, and tools to support the editorial and research teams.
- Developed new features and resolved bugs for the flagship website and other CFR products and tools, using Agile development best practices, ensuring code passed SonarCloud tests and deployed through CI/CD via Git & CircleCI.
- Maintained email template code and trained business users on how to create and edit templates.
- Engineered data visualization toolchain, allowing graphic designers to create responsive, embeddable static infographics within CFR Editorial articles at the click of a button.

### **Council on Foreign Relations: Design Technologist**

**April 2017–October 2020**

- Developed CFR's first responsive email newsletters and standardized their UI using MJML, increasing subscribership across the 70+ newsletters.
- Developed a graphics-building command-line tool and system, leveraging Node.js and D3, for data visualization developers to produce their own high-quality, bespoke interactive graphics.
- Served as the Product & Design team's accessible, technical front-end subject matter expert, presented product prototypes and proofs of concept to external teams and executive leadership.

### **Stony Brook University: Adjunct Lecturer**

**Seasonal: 2015, 2017, 2022**

- Developed website to showcase student-journalists work on a React and Gatsby website.
- Led undergrad and graduate student trips to Hawaii and New Mexico to instruct journalism as they reported on NASA's geological field research in support of the upcoming Lunar mission.

**EDUCATION:** Stony Brook University: (B.A.) Political Science & Journalism, May 2014