

Bryce Robinson

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Objective

Front-end Engineer with over a decade of experience in utilizing JavaScript, Python, React, and other cutting-edge frameworks. I am seeking a challenging senior role where I can leverage my skills to drive design, development and contribute to an innovative product.

Skills

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|---------------------|-----------------------|-----------------------------------|
| • JavaScript (ES6+) | • HTML5, CSS3 | • E2E Testing (Cypress, Selenium) |
| • Python | • SASS, LESS | • Jenkins |
| • React.js | • Webpack, Babel | • Microservices Architecture |
| • Node.js | • RESTful APIs | • Agile Methodologies |
| • Angular.js | • Unit Testing (Jest) | • SQL, MongoDB |

Work Experience

Senior Front-end Engineer | Bank of America, Trades Processing | Matlen Silver

Jersey City, NJ | June 2022 - Present

- Develop and maintain the front-end of a high-volume, low-latency trading application using React.js.
- Collaborated with cross-functional teams to deliver new features catering to global trades processing.
- Implemented real-time data streaming through WebSockets and XA Messaging.
- Conducted extensive unit testing and user interviews to refine UI/UX requirements.
- Optimized application's performance to handle large amounts of fixed income data.
- Presented demos of new features and obtained valuable feedback from stakeholders.
- Introduced a testing framework using Cypress, Jest and other React Testing Library.
- Provided support in migration of legacy code to modern JavaScript frameworks.
- Helped Facilitate daily stand-ups and code sprints within an Agile team.

Front-end Engineer | Orbital Engineering | Phillips 66

Elizabeth, NJ | April 2018 - June 2022

- Developed and maintained micro frontends to support large data streams using Python and React JS.
- Built numerous API endpoints to allow users to communicate with plant I/O.
- Conduct extensive testing and debugging to ensure smooth performance across all supported devices.
- Drive the implementation of modern front-end development practices and trends.
- Work closely with stakeholders to deliver solutions that meet business objectives and user needs.

Instrument Design Engineer | Infineum | Allied Engineering

Linden, NJ | October 2016 - April 2018

- Spearheaded the design and implementation of cloud based architectures.
- Managed database systems and utilized SQL for database queries and manipulation.
- Developed custom software solutions using Python and JavaScript to aid in plant optimization.
- Collaborated with multidisciplinary teams, providing expertise on control system design.

Automations Engineer | ConocoPhillips

Houston, TX & Linden, NJ | January 2012 - October 2016

- Collaborate effectively with cross-functional teams, including production, maintenance, and IT.
- Troubleshoot and resolve system issues promptly to minimize downtime and maximize productivity.
- Leveraged strong problem-solving skills to diagnose complex control system issues,

Education

Electrical Engineering | University of Houston | 2004 -2007

Engineering and Design | San Jacinto College | 2002 - 2004