

# Charles Bloomberg

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## SUMMARY

Front-End Engineering director specialized in the optimization of workflows throughout the business and into engineering to ensure workflow frameworks are in place and being utilized to full capacity.

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## EXPERIENCE

### Senior Director of Front-End Engineering

Thermo Fisher Scientific

June 2019 – June 2020, Los Angeles, CA

- Served as the strategic organizational leader to drive Strategy to Reality execution by delivering transparency throughout the Portfolio to Engineering workflow.
- Assessed and baselined current ways of working and determine capability models for transformations in the modernization of business workflows through to engineering.
- Built a Portfolio to Engineering framework to deliver content templates from Strategy and for Product Management (WHAT & WHY) and Engineering (HOW) along with tracking associated goals.
- Ensured reliable frameworks to provide consistency in metrics and reporting at all levels of the organization from our CIO, Business Leaders and Engineering Leaders through automated means from a single source of truth directly from our tools.

### Lead Front-End Developer

Palantir

June 2018 – June 2019, Mountain View, CA

- Served as the technical lead for all software development efforts.
- Authoritatively and effectively provided guidance in the overall aspects of the software development efforts to include data architectures, software assurance, and security.
- Interfaced with the technical community and other Government entities to understand challenges, needs, and develop solutions; contribute to improving the overall technical capabilities of customers' mission by participating in design sessions, developing capabilities, and sharing insights and practices across Government organizations.
- Conducted rapid software prototyping to demonstrate and evaluate technologies in relevant environments; conduct performance, security, and other aspects of evaluating software systems.
- Tested software capabilities using novel testing and analysis techniques.
- Documented software with an emphasis on architectures and interface definitions. Practice agile software development methods.

### Front-End Developer

IBM

June 2017 – June 2018, Atlanta, GA

- Collaborated with other Front-end Developers of the Your Career at IBM developer team and function closely collectively with Back-end developers and Solution Architects of the project. Participated in the rewrite of Your Career at IBM front-end from Aurelia to React.
- Participated in an agile, collaborative environment across software architecture, understanding both front-end and back-end processes, while specializing in the front-end.
- Contributed closely with visual designers to deliver wireframes from conception to implementation, and Back-end developers to ensure tested and production-ready UI code.
- Wrote code for user interfaces, including interactions, responsive layouts, and styling. Utilized and contributed to the W3DS (Design Standards) to produce optimum user experience.
- Experienced in JavaScript, familiar with the latest syntax (min. ES6), with a proficient understanding of React.js and Node.js. Practiced in UI development technologies such as HTML, CSS, Redux, and API usage.
- – Developed a responsive web application using React.js that increased user engagement by 35% over six months by integrating real-time data updates and dynamic UI components.
- – Developed and optimized user interfaces for a web application using React.js, resulting in a 25% increase in page load speed and a 15% boost in user engagement over six months.

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## EDUCATION

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### Bachelor of Science in Computer Science

University of Illinois · June 2017

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## COURSEWORK

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### Front-End Web Development with React

The Hong Kong University of Science and Technology · 2016

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## SKILLS

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Technical Skills: AngularJS, ReactJS, Javascript, Redux, HTML, CSS, GIT

Industry Knowledge: UX/UI, Development Operations, Testing, Debugging, Usability Research