

# Brandon Kwintner

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## TECHNICAL SKILLS

- **Languages:** JavaScript / TypeScript, Java, HTML / CSS, JSON, Python, SCSS, SQL
- **Frameworks:** React, Bootstrap, Jest, Material-UI, Express
- **Libraries:** Ag-grid, Axios, Chart.js, Mirage.js, React Query, React Testing Library, Redux
- **Technologies:** Bitbucket, Git, Jira, MongoDB, Node.js, PostgreSQL, Postman, Unix, Webpack
- **Methodologies:** Agile / Scrum

## EXPERIENCE

**Software Engineer Consultant - Capco**

**August 2021 - Present**

**Front End Developer | Deutsche Bank (Tech4Ops AaaS)**

- Developed front end applications with a micro-frontend architecture using React, TypeScript, SCSS, Bootstrap, Webpack.
- Provided users a central way to view all of their work items via a grid system using Ag-grid.
- Reduced time spent correcting work items by over 50% by implementing React micro-frontend to display message inconsistencies and resolutions to user.
- Enhanced UX by displaying incoming work items to the user in real time using Web Sockets.
- Performed unit, integration, and functional testing with Jest and React Testing Library.

**Full Stack Web Developer - University of Maryland - ESSIC**

**August 2020 - July 2021**

- Developed website for DAWN, a USDA funded project, using React, JavaScript, Material-UI.
- Built server to gather and store agricultural data from USDA API using Express and MongoDB.
- Implemented user login system to access dashboard applications using Passport.js and JWT.
- Provided farmers a 200% more accurate dashboard tool to predict crop GDD using Chart.js.
- Implemented interactive map for farmer to set location of their farms using Google Maps API.
- Manipulated NASA / NOAA data to create contour maps of local regions using Python.
- Deployed full stack web applications using Heroku and Git.

**Teaching Assistant - University of Maryland - CMSC Department**

**August 2019 - January 2021**

- Held weekly office hours for CMSC131 / CMSC216, introductory level courses on Java and C, and CMSC388A / CMSC388B, courses that cover full stack web development.
- Provide assistance to students by helping debug and identify issues with their code.

**Software Engineer Intern - Sparta Systems**

**June 2019 – August 2019**

- Successfully completed 7 user stories relating to UI / UX of Lightning Components in Salesforce using HTML, CSS, Aura / Lightning within 2 weeks of start date.
- Developed Jenkins job status messaging integration with Slack to conveniently access latest package build statuses.
- Addressed a crucial customer need by enabled multi-language usage by fixing page render failures due to invalid HTML / JavaScript encodings involving translations.
- Reduced translation testing setup time by over 75% by automating configuration process using Visual Basic Editor in Microsoft Excel.
- Executed regression and validation testing for Summer 2019 release.
- Provided users a more convenient way to access e-signature history by creating an entire Lightning Component using HTML, CSS, Aura / Lightning, JavaScript, Apex, SOQL.

## EDUCATION

- University of Maryland, College Park, Maryland
- Bachelors of Science in Computer Science, GPA - 3.6
- Sigma Alpha Epsilon Fraternity (Vice President)