# Brandon Wong

## Senior Software Engineer (React, Node Focused)

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## SUMMARY:

-Senior full-stack engineer with over 10 years of experience in building complex web applications.

-Ability to collaborate effectively with cross-functional teams(onshore & offshore). Committed to delivering

high-quality code and exceeding client expectations.

-Familiarity with the agile methodology in remote working environments.

## TECHNICAL SKILLS:

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|---|---|
| **Programming Languages** | JavaScript, TypeScript, Python, PHP, Java, Go, Ruby, C# |
| **Database** | MySQL, PostgreSQL, MongoDB, Firebase |
| **Frameworks/Libraries** | React.js, Redux, AngularJS, Node.js, GraphQL, Flask, Django |
| **Cloud Computing** | AWS, Azure, GCP |
| **AWS** | Amazon EC2, S3, ECS, Cognito, RDS, EMR, ELB, IAM, EBS, Lambda. |
| **Web Technologies** | HTML, CSS, SASS, LESS, JQuery |
| **Mobile Technologies** | React Native, Java, Kotlin, Swift, Objective-C |
| **Bootstrap Technologies** | Material UI, Bootstrap, Chakra UI, Tailwind CSS, tamagui |
| **Version control tools** | Git, SVN, Bitbucket, CVS |
| **Automation tools** | Jenkins, Terraform, Github Actions. |
| **Testing tools** | Jest, Mocha, Chai, Jasmine, Cypress, React Testing Library |
| **Operating System** | MacOS, Linux, Windows, Red hat Linux 5.x/6.x, Ubuntu |
| **Soft Skills** | Mentoring, Leading, Communication, Time management, Ticket prioritization |

## EDUCATION EXPERIENCE:

Bachelor of computer science at University of California, Berkeley          Aug 2008 – Dec 2012

## PROFESSIONAL EXPERIENCE:

### InStrideHealth                                          Aug 2021 – Nov 2023
**Boston, MA**
**Senior Software Engineer**
- Developed mental healthcare applications using **React**, **Node**, and **React Native** from the ground.
- Architected the whole application system with several design patterns.
- Implemented state management library using **Redux** and **Context API**.
- Converted Figma to responsive, pixel-perfect pages while dividing basic components with reusability and maintainability.
- Integrated **GraphQL** for the communication between front-end and back-end.
- Built back-end endpoints using **Node/Express.js**.
- Wrote queries in **PostgreSQL** for database management.
- Used **AWS** infrastructure with S3, Lamda and EC2.
- Integrated automatic testing with **Jest** for unit testing, and **cypress** for e2e testing.
- Set up CI/CD pipeline using **Github Actions** and managed the deployment process with testflight and QA testing.
- Collaborated with **cross-functional teams** product managers and designers.
- **Mentored** other junior & senior engineers with PR review and pair programming.

### Medely                                                  Jan 2018 - Jul 2021
**Santa Monica, CA (Remote)**
**Senior Software Engineer**
- Developed a web application for healthcare jobs with professional & facility users using **React**.
- Worked on application architecture with component systems and state management using **Redux**.
- Built the pages using **material-UI**.
- Used **React profiler** to monitor the performance of a web application.
- Improved the application performance using **memorization** and **lazy-loading**.
- Architected the database design with **PostgreSQL**.
- Built the back-end endpoints using **Django**.
- Worked on **AWS S3 bucket** integration for large data of application assets.
- Converted from **JavaScript** to **TypeScript** for the web application.
- Used **storybook** to manage UI components and utility functions like API calls.

### KForce                                                  Dec 2014 – Dec 2017
**Tampa, FL**
**Full Stack Engineer**
- Developed various web application using **React**, **Angular**, **NodeJS**, **Flask** and **Ruby on Rails**.
- Experienced with databases with **MySQL**, **MongoDB**, and **PostgreSQL**.
- Used **Git** for version control, and **Jenkins** for CI/CD pipeline.
- Collaboratd with QA engineers to identify and resolve issues in a timely manner.
- Worked with **NPM**, **webpack** for managing dependencies and dev dependencies of NodeJS applications.
- Debug the front-end issues using **Cypress** in the browser direcly.

### Google                                                  Jan 2013 – Nov 2014
**Mountain View, CA**
**Junior Software Engineer**
- Worked on front-end applications with **JavaScript**, **HTML**, **CSS**.
- Used Bootstrap and **jQuery** for the layout.
- Integrated back-end using **MySQL** database with **PHP** codebase.