

# WILLIAM HA

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## Technical Skills

Front-end: JavaScript, HTML5, CSS3, jQuery, React, Redux, Bootstrap, Semantic UI  
Back-end: Node.js, Express, MongoDB, MySQL, PostgreSQL  
Testing/Tools: Mocha, Chai, Jest, Travis CI, Git, Webpack, Babel, AWS, Heroku

## Experience

**Clicktool** | Frontend Developer Oct 2018 – present

- Tech stack: React, Redux, MySQL, Node.js
- Created library of reusable UI components which sped up frontend development time by 50% for team members
- Brought Zeplin and Adobe XD mockups to life with responsive design and cross-browser compatibility
- Collaborated with designer to determine feasible designs while also meeting and exceeding standards
- Initiated folder restructuring which simplified code and logic and reduced codebase by 25%
- Worked closely with designer and tester to ensure an optimal and flawless user experience

**Self-Employed** | Full-Stack Software Engineer Jan 2018 – Oct 2018

- Created websites and applications for various clients and organizations
- Architected single-page applications and designed RESTful API endpoints
- Demonstrated flexibility by picking up and working with new technologies as needed

## Software Engineering Applications

**PlanCake** | Collaborative event planning web application to discuss ideas, create itineraries, and organize information

- Tech stack: React, Redux, PostgreSQL, Sequelize, Node.js, Express, AWS RDS
- Designed database schema and system architecture and created modular components for use throughout app
- Utilized React Router and Redux to implement seamless single-page application and modularize code base
- Deployed to Docker environment along with AWS RDS and integrated all changes to code

**PicWorthy** | Social web application to share pictures and discover noteworthy locations near you and around the world

- Tech stack: MongoDB, Mongoose, Express, React, Node.js
- Created multiple application wireframes to explore and determine optimal interface and user experience
- Designed schema that optimized ability to scale application functionality with new features
- Enhanced application performance by offloading image management to Imgur API, reducing load times by 30%
- Integrated Google Maps API with MongoDB to utilize geospatial queries for key component of application

## Education

UC Santa Barbara, <i>B.A. in Sociology</i>	2016
UC Santa Barbara, <i>Technology Management Certificate</i>	2016
Hack Reactor, <i>Software Engineering Immersive Program</i>	