

William Ha

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A blue square logo containing the letters 'Wh' in a white, sans-serif font.

Technical Skills

Front-end: JavaScript, HTML5, CSS3, React, React Native, Redux, Angular, Bootstrap, Semantic
Back-end: Node.js, Express, GraphQL, MongoDB, MySQL, PostgreSQL
Testing: Mocha, Chai, Jest, Travis CI
Developing: Git, Webpack, Babel, Docker

Software Engineering Applications

PlanCake | PostgreSQL, Express, React, Redux, Node.js

plancake.co

An application to collaborate with others and organize all of your event planning needs

- Deployed to Docker environment with AWS RDS and integrated all changes to code
- Leveraged PostgreSQL database for fast data retrieval using joined tables
- Utilized React Router to handle seamless transitions and provide separation of data and presentation
- Improved application performance and test coverage by implementing Redux appropriately

PicWorthy | MongoDB, Express, React, Node.js

picworthy.herokuapp.com

An application to share pictures and find noteworthy locations around you

- Optimized application performance by offloading image management to Imgur API
- Integrated Google Maps API with MongoDB to utilize geospatial queries for key component of application
- Designed schema that optimized ability to scale database after adding new features

InstaOunce | PostgreSQL, GraphQL, Express, React, React Native, Redux, Node.js

A photo sharing application based on the Instagram interface and built for mobile devices

- Created interactive components and views for both web and mobile
- Improved upon native features and enhanced application feel and interactions

Experience

Self-Employed | Full-Stack Software Engineer

2017 - present

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

Pilipino Cultural Night | Logistics Coordinator

2012 - 2015

Pilipino Cultural Night is a production with over 100 cast members collaborating over the course of a year

- Directed departments including finance and marketing and managed other logistical details
- Increased event attendance and community engagement each year by introducing new procedures and building cast member motivation and team morale

Education

UC Santa Barbara, B.A. in Sociology

2016

UC Santa Barbara, Technology Management Certificate

Hack Reactor, Software Engineering Immersive Program