Preston Wallace

FULL STACK SOFTWARE ENGINEER

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PROJECTS

The Bug Stops Here DEVELOPER | NOV 2018
< Code > https://github.com/TheBugStopsHere/DebugClub
< Deployed > http://the-bug-stops-here.herokuapp.com/
A fully-functional e-commerce app with shopping cart. While there are ready-made solutions that have much more functionality, this app was hand-coded from scratch, using the NERP stack (Node, Express, React, PostgreSQL).

Dev-EQ SOLE DEVELOPER | JAN 2019
< Code > https://github.com/wallacepreston/deveq
< Deployed > https://deveq.herokuapp.com/
An Artificial Intelligence application with trained models to detect emotion in the user's face and educate the user based on this information.

EXPERIENCE

Assistant Manager – *K.Jons Diamonds & Gems*

Atascadero, CA | Feb 2010 - Oct 2018

- Designed and Managed third (current) major version of company website: e-commerce, managing 1000+ jewelry items, with total inventory value of $800K.
- Oversaw Migration from local-only database to continuous updates of Third Party server data via API from inventory in SQL database on local server.
- Managed network of 8 company PCs. Managed permissions. Resolved workstation issues, fax connection to server, Network printers and other devices.
- Assisted 3-person team in managing assets of $1.5M.
- Developed interest and leads, making jewelry sales figures of up to $25K per item.

Graphic Designer – *K.Jons Diamonds & Gems*

Atascadero, CA | Feb 2008 - Feb 2010

- Transitioned website from static HTML to Dynamic WordPress site with blog, automatic database backups, and scheduled automatic deployment.
- Increased traffic to website by estimated 100% over 2 years (mostly local).
- Landed a webpage first-position worldwide in Google SERP listings for keywords.
- Managed $50K marketing budget. Edited via Photoshop, Illustrator, and Flash.
- Created digital/print ads and approximately 10 billboards displayed on Hwy 101.

Web Design Consultant – *Preston's Creations (Self-Employed)*

Atascadero, CA | 09/2008 - 07/2011

- Developed website plan, from Intake to Wire Frames. Designed using Photoshop.
- Sliced Photoshop file. Created and coded HTML/CSS files sitewide.
- Secured hosting and domain name for client. Uploaded via FTP and deployed.
- Tracked site traffic via Google Analytics and reported to client.

TECHNICAL SKILLS

PROFICIENT:
JavaScript, Node, Express, Sequelize, React, Redux, HTML5, CSS3

KNOWLEDGEABLE:
PostgreSQL, MySQL, SQL, Jasmine, SEO, WordPress, Git, Photoshop

SOME FAMILIARITY:
Jasmine, Mocha, Chai, Enzyme, Socket.io, C#, Unity

EDUCATION

Software Engineering Immersive
Fullstack Academy | San Luis Obispo, CA | Jun 2018 - Feb 2019
- 100-hr course developing knowledge on closure, prototypal inheritance, and recursion.
- 13-week in-person bootcamp, diving deep into Node, Express, React, and PostgreSQL.

Graduate Gemologist
Gemological Institute of America | Carlsbad, CA | 2011 | 3.8 GPA

Associate in Arts, General Studies
Cuesta Community College | San Luis Obispo, CA | 2008 | 3.83 GPA w/ High Honors

LANGUAGES:
English, French, Spanish

FUN FACT ABOUT ME:
I enjoy playing Improvisational Piano