

# Preston Wallace

## FULL STACK SOFTWARE ENGINEER

(805) 286 0588 – [wallace.preston@gmail.com](mailto:wallace.preston@gmail.com) – [prestonwallace.com](http://prestonwallace.com)  
[linkedin.com/in/prestonwallace](https://linkedin.com/in/prestonwallace) – [github.com/wallacepreston](https://github.com/wallacepreston)

TECH: TypeScript, JavaScript, Node, React, GraphQL, Vue, Express, MySQL, PostgreSQL, Sequelize, HTML5, CSS3, Git, Jest, React Native, Docker, Kubernetes, Redux, Perl, Knex, SEO, WordPress, Figma, Bootstrap, jQuery, C#, PHP, Socket.io, Unity, Angular, Sass, MongoDB, AWS

### EXPERIENCE

**Senior Software Engineer (TypeScript/React/GraphQL)** – *MNTN* Austin, TX (Full-Time, Remote) | Feb 2023 - Present

- Implemented blocklist bulk-upload feature, saving 40% time and increasing data accuracy by 25%.
- Launched day-parting feature, boosting ad performance by 15% and customer satisfaction by 20%.
- Developed full-stack apps on time and budget, resulting in 20% higher customer satisfaction.

**Back End Software Engineer (Node/GraphQL)** – *MNTN* Austin, TX (Full-Time, Remote) | Jul 2021 - Jan 2023

- Bootstrapped flighted budgets feature, resulting in 25% greater ad spend efficiency and 20% higher customer retention.
- Collaborated to deliver high-performance server-side apps, resulting in 25% faster app speed and 20% less server load.
- Engineered source-controlled migration system, leading to 20% faster deployment and 30% fewer production issues.
- Architected efficient Node and GraphQL APIs, reducing server response times by 30% and errors by 40%.

**Software Engineer (Node/Vue/REST)** – *Liquidity Services* Bethesda, MD (Full-Time, Remote) | Apr 2019 - Jul 2021

- Developed internal software solutions (Node, Express, Vue, Docker) for warehouse management of large-scale datasets.
- Created automated data-collection tool to populate inventory data, increasing efficiency of receive-and-sort time by 50%.
- Bootstrapped integration testing for Rest and GraphQL API endpoints, increasing code coverage from 0% to over 70%.

**Lead Software Engineering Curriculum Writer** – *Multiverse* New York, NY (Part-Time, Remote) | Dec 2021 - Mar 2023

- Architected & wrote 12-week immersive SWE bootcamp for apprentices at companies like Google, Verizon and Barclays
- Lead team of Curriculum Writers, reviewing & editing lessons. Added lessons on advanced topics like Docker and React

**Lead Software Engineering Instructor** – *Fullstack Academy* New York, NY (Part-Time, Remote) | Apr 2019 - Nov 2021

- Instructed via live code demo (3x/wk) on topics like CSS/HTML, DOM, OOP, React, Node, REST, Express, and PostgreSQL.
- Led up to 6 instructors on a 6-month rolling basis, reviewed code & gave lesson feedback. Managed 10-cohort curriculum
- Built 15-endpoint API, used in student projects. Wrote 91-spec test suite for 2 projects, cutting grading time by 30%.

**Network Admin, Assistant Manager** – *K.Jons Diamonds & Gems* Atascadero, CA | Feb 2010 - Oct 2018

- Designed and Managed major version of company e-commerce site, with 1000+ items, and total inventory value of \$800K.
- Oversaw Migration from local database to continuous updates of Third Party data via API.
- Managed network of 8 PCs. Managed permissions. Resolved workstation issues, fax connection to server, Network devices.

**Web Developer** – *K.Jons Diamonds & Gems* Atascadero, CA | Feb 2008 - Feb 2010

- Transitioned website from static HTML to Dynamic WordPress with blog, auto DB backup, scheduled auto deployment.
- Increased traffic to site by 100%, and landed site first-position worldwide in Google SERP listings for keywords.

### PROJECTS

**MNTN UI** (*TEAM, PROFESSIONAL*) | DEVELOPER | JUL 2021 - Present | (repo is private) | [ui.mountain.com](http://ui.mountain.com)

Full-stack TypeScript/React/Node/GraphQL application enabling users to upload video, create display ads, launch and edit campaigns in real-time.

**Warehouse Management System** (*TEAM, PROFESSIONAL*) | DEVELOPER | APR 2019 - JUL 2021 | Internal project (repo/deploy is private)

Node/SPA app, enabling automation of inventory management concurrently in multiple warehouses nationwide for Liquidity Services (reverse supply chain). Scripts and operations deal with millions of records in the database.

**Liquidation.com** (*TEAM, PROFESSIONAL*) | DEVELOPER | APR 2019 - JUL 2021 | (repo is private) | [liquidation.com](http://liquidation.com)

Ecommerce auction platform for Liquidity Services. Data interacts with above WMS and other admin-facing applications.

**Air Suspension Controller** (*TEAM, PROFESSIONAL*) | DEVELOPER | FEB-MAR 2020 | (repo is private)

React Native app, controlling vehicle air suspension via 2-way, real-time bluetooth communication with vehicle ECU.

### CERTIFICATIONS

**AWS Cloud Practitioner Essentials** – AWS | Sep 2022

**Cybersecurity** – Cisco | Jul 2022

**Certified Secure Coding Professional** – *binsec academy* | Sep 2020

**SPOKEN LANGUAGES** – English, French, Spanish

**FUN FACT ABOUT ME** – I enjoy playing Improvisational Piano.