

Preston Wallace

FULL STACK SOFTWARE ENGINEER

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TECH: TypeScript, JavaScript, Node, React, GraphQL, Vue, Express, MySQL, PostgreSQL, Sequelize, HTML5, CSS3, Git, Jest, React Native, Docker, Redux, Perl, Knex, SEO, SEM, SMM, 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%.

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

- 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%.

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%.

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

Warehouse Management System (TEAM, PROFESSIONAL) | DEVELOPER | APR 2019 - Present | 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 - Present | (repo is private) | liquidation.com

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

Exercise Records API (PERSONAL) | DEVELOPER | JUN 2020 | (repo is private) | fitnesstrac-kr.herokuapp.com

CRUD app with REST API endpoints. Used Node, PG, PostgreSQL. Secure Express server w/ JWT auth. TDD/CI/CD

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.

EDUCATION

AWS Cloud Practitioner Essentials – AWS | Sep 2022

Cybersecurity – Cisco | Jul 2022

Certified Secure Coding Professional – binsec academy | Sep 2020

Software Engineering – Fullstack Academy | San Luis Obispo, CA | Jun 2018 - Feb 2019

Leveled-up my Javascript skills, diving deep into Node, Express, React, closure, prototypal inheritance, and recursion.

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

SPOKEN LANGUAGES – English, French, Spanish

FUN FACT ABOUT ME – I enjoy playing Improvisational Piano.