

# Gregory Waxman

Leader & full stack engineer with over 17 years of professional experience

South Carolina, US

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## WORK EXPERIENCE

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**Principal Software Engineer** | Bison Technologies

Aug 2023 - Current

📍 Remote    [bisonpayments.com](https://bisonpayments.com)

Tech: aws lambda | appsync | dynamodb | graphql | react | tailwind | node.js | shadcn/ui | storybook | typescript | valtio | vite | vitest

- Mentored the engineering team across multiple areas such as React, TypeScript, and GraphQL
- Led a team of 3 engineers helping to reduce the load for the head of engineering
- Created multiple ADRs for improving and unifying our frontend tech stack
- Improved lambda development by reducing boilerplate, improving security, and adding functionality
- Improved DX for engineers by introducing better tools and improving their configuration
- Led development of our UI library based on shadcn/ui
- Dramatically improved CI, ~50% speed up and ~50% cost reduction
- Built, altered, and maintained GitHub Actions

**Staff Software Engineer** | Intellimize

Feb 2022 - Aug 2023

📍 Remote    [intellimize.com](https://intellimize.com)

Tech: node.js | eslint | javascript | typescript | valtio | express.js | react | aws | mongodb | vite | vitest

- Revamped the entire frontend, resulting in a 75% reduction in load time and significant productivity enhancements
- Upgraded all tooling replacing previous unmaintained and outdated tooling
- Led and guided the development of Rules Based Personalization
- Created and built fully functioning CI/CD pipelines to streamline development and deployment processes
- Successfully learned, built, and maintained Cloudfront usage for frontend and API
- Provided team leadership by offering guidance on solutions, mentoring team members, & inspiring others
- Developed a Shopify app integration leading to two customer sales within the first two months

**Senior Software Engineer** | Bubbles

Apr 2021 - Feb 2022

📍 Remote    [usebubbles.com](https://usebubbles.com)

Tech: aws | javascript | node.js | react | redux | serverless | typescript

First of three engineering hires

- Reduced CI test time by more than 60%, leading to faster development and testing cycles
- Enhanced monorepo webpack integration and implemented fast refresh for improved development experience
- Simplified environment setup by automating AWS environment output usage
- Improved component structure, variation, and implementations for better code organization and reusability
- Led development on image, video, and face recording functionality over the span of six months
- Conducted code reviews, ideation for technical improvements, and interviews
- Managed very large code merges and conflicts across features
- Provided leadership guidance and feedback, ranging from culture to roadmap

**Senior Software Engineer** | HubTran (acquired by TriumphPay)

Aug 2020 - Apr 2021

📍 Remote

Tech: [elm](#) | [react](#) | [ruby](#) | [rails](#) | [postgres](#)

- Reduced Pusher usage leading to over a 50% cost reduction, 80% reduction in scripting time, 66% to 93% reduction in total messages sent, and 98% reduction in React renders
- Decreased total delivered JavaScript size by 50% for improved website performance
- Successfully migrated IDs from audit tables from int to bigint with no downtime, ensuring uninterrupted operations
- Updated project tooling from Webpack v1 to Webpack v5, alongside multiple Docker enhancements

**Senior Software Engineer** | Gush

May 2018 - Apr 2019

📍 Remote  [gush.com](https://gush.com)

Tech: [python](#) | [react](#) | [trio](#) | [redux](#)

First engineering hire

- Led all frontend development
- Rapidly learnt basic Python including leveraging Trio to combine data from Google, Yelp, & Foursquare
- Created a basic agile-like process to centralize and organize development

**Senior Software Engineer** | Virtru

Jun 2015 - Apr 2018

📍 Remote  [virtru.com](https://virtru.com)

Tech: [backbone](#) | [browser extensions](#) | [jwt](#) | [webpack](#) | [express](#) | [node.js](#) | [spirit](#)

- Led development of Google Vault Extension and Google Drive file proxy service acting as a model for future projects
- Refactored and helped develop VJWT, a JWT spec with enhanced security features
- Integrated in a FIPS compliant crypto library to meet the security needs of customers
- Managed and mentored team members and contractors as a tech lead
- Rewrote and extended key parts of the DLP rules engine, key to Virtru's success, and enhanced handling of complex violations
- Developed voltron to allow for building a single extension from multiple independent repos
- Created new OU functionality that included new db schema, associated documentation for schema changes, API updates, frontend architecture improvements, CSS and associated templates
- Improved our Secure Reader loading performance, reduced bugs, and added a whitelabeling solution
- Ran our knowledge sharing sessions
- Led second round technical interviews
- Contributed to several open source projects eslint, webpack, spirit-js, and more

**UI/Software Engineer** | SPARC (acquired by Booz Allen Hamilton)

Jun 2012 - Jan 2015

📍 Charleston, SC  [linkedin.com/company/sparc-llc](https://linkedin.com/company/sparc-llc)

Tech: [mongodb](#) | [angularjs](#) | [asp.net-web-api2](#) | [bootstrap](#) | [c#](#) | [ejs](#) | [express](#) | [git](#) | [github](#) | [gulp](#) | [jade](#) | [javascript](#) | [jquery](#) | [less](#) | [mongoose](#) | [mysql](#) | [node.js](#) | [react](#) | [servicestack](#)

Worked on in house products and outsourced products

- Led the second phase of new feature development for OpsAssure, a scheduling and task management app
- Handled all video player development and on Stre.am, which led to contributions to video.js
- Architected, implemented, launched, and maintained a product for Core Care Medical
- Contributed to new architecture decisions, refactored crucial code, and ported MySQL to MongoDB on 520
- Mentored and taught a QA JavaScript and automation
- Rapidly learnt and contributed to 520 ensuring a successful release to the VA, while providing mentoring and support to others
- Filled the role of domain expert for Stre.am

**Interface Engineer II** | PeopleMatter (acquired by Snagajob)

Sep 2010 - Jun 2012

📍 **Charleston, SC** [🔗 linkedin.com/company/peplematter](https://www.linkedin.com/company/peplematter)

**Tech:** [c#](#) | [javascript](#) | [squishit](#) | [asp.net](#) | [css](#) | [css-sprites](#) | [css3](#) | [html5](#) | [jquery](#) | [less](#) | [tfs](#)

- One of two interface engineers responsible for frontend development
- Implemented SquishIt, an open source JavaScript & CSS minifier, and created a higher level abstraction to streamline internal use
- Learnt, introduced, and used LESS through Chirpy to improve readability and maintainability of CSS
- Refactored and fixed several open source projects used internally, including SquishIt
- Actively developed cross-browser compatible styling in IE7 through IE9, Safari, Firefox, and Chrome
- Architected css architecture and hierarchy alongside general JavaScript practices for the frontend

**Software Engineer II** | Blackbaud

Jun 2007 - Sep 2010

📍 **Charleston, SC** [🌐 blackbaud.com](https://www.blackbaud.com)

**Tech:** [asp.net](#) | [css](#) | [javascript](#) | [jquery](#) | [sql](#) | [tfs](#) | [vb.net](#) | [visual-studio](#)

First batch of engineering hires from RIT leading to additional RIT new grad hires

- Acted as a JavaScript mentor, reviewing code as it was checked in and advocating best practices
- Took over as lead developer and improved our e-commerce product in multiple areas
- Created an extensible shopping cart framework, used across teams & products, as the basis for all payment processing
- Exclusively handled production issues, such as data corruption, experienced by clients for five months
- Developed and implemented brand new functionality with server-side code, client-side code, and SQL
- Introduced jQuery, leading to cleaner, more compatible code for the product
- Led the Web Accessibility Initiative to support the needs of our clients
- Learnt and used VB.Net and ASP.Net successfully without any previous experience with either

## SKILLS

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### Programming Languages

[JavaScript](#) | [TypeScript](#) | [C#](#) | [Elixir](#) | [Elm](#) | [Python](#) | [VB.NET](#) | [Ruby](#)

### Backend Engineering

[GraphQL](#) | [AppSync](#) | [Node.js](#) | [ASP.NET MVC](#) | [REST APIs](#) | [MongoDB](#) | [SQL Server](#) | [JWT](#)

### AWS

[Cloudfront](#) | [SST](#) | [Lambda](#) | [S3](#) | [Secrets Manager](#) | [Serverless Framework](#)

### Frontend Engineering

[React](#) | [valtio](#) | [Solidjs](#) | [redux](#) | [jQuery](#) | [Browser extensions](#)

### Tools

[vite](#) | [vitest](#) | [Jest](#) | [Webpack](#) | [esbuild](#) | [ESLint](#) | [Prettier](#)

### Cloudflare

[Pages](#) | [Workers](#) | [D1](#)

### Styling

[CSS](#) | [SASS](#) | [Tailwind/Uno CSS](#) | [styled-components](#) | [less](#)

### Git & CI/CD

[GitHub](#) | [GitHub Actions](#) | [Bitbucket](#) | [Bitbucket Pipelines](#) | [CircleCI](#) | [Buildkite](#)

## EDUCATION

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2003 - 2007

**BS Information Technology New Media** | Rochester Institute of Technology