

# Gregory W. McGrath

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Dedicated and hardworking Front-End Software Engineer with over nine years of experience in software development. Passionate about JavaScript, React, and creating tailored, natural software solutions. Able to lead small teams and deliver efficient results in fast-paced environments on time. Eager to learn innovative technologies and explore fresh ideas. Strong relationship with clients, ensuring customer satisfaction with team's work.

## Technical Skills

### Languages & Frameworks

- React
- Ext JS
- HTML5
- Immutable.js
- JavaScript
- Mocha
- CSS3
- MongoDB
- Redux
- Chai
- Python
- Sencha Touch
- Node.js
- Enzyme
- jQuery
- Caché ObjectScript

### Development Tools

- Git
- VS Code
- Compass
- Jira
- Webpack
- Sencha CMD
- Agile
- Docker
- Sencha Architect
- NPM
- Babel
- Office Suite

## Relevant Experience

### Software Engineer

**Computer Technology Services** – Clifton Park, NY (6/2017 – Present)

- Delivered pixel-perfect, responsive user interfaces for K-12 educational platform used by students and teachers.
- Recognized and refactored common design elements into reusable, intuitive, and testable components resulting in optimized performance, partitioned complexity, and unified visual appearances.
- Architected complex React components using the Render Props pattern to improve maintainability and scalability.
- Translated Product Management's requirements into high-quality, timely deliverables.
- Participated in agile development process, including estimating effort, designing, coding, and peer code reviews.

### Senior Web Application Developer

**Trans World Entertainment** – Albany, NY (12/2016 – 6/2017)

- Led team by encouraging functional design patterns, conducting code reviews, and introducing ECMAScript 6.
- Evaluated frameworks and technology like Docker, GitLab, and Node to determine best fit for development team.
- Interfaced with key stakeholders to create successful solutions like automated invoicing for unpaid subscriptions.
- Standardized ten diverse legacy projects to improve stability, reduce complexity, and increase agility.

### Software Developer

**Stewart's Shops** – Saratoga Spring, NY (04/2010 – 12/2016)

- Performed as Senior Front-End Engineer in an eight-member team by providing training in best practices for architecture design patterns, ideal usage of Ext JS, and effective strategies to algorithmic problems.
- Developed enterprise web applications providing sophisticated and tailored software solutions for 475 users.
- Spearheaded creation of a shared, tested code library to reduce development time of robust interfaces.
- Enhanced user experience by unifying applications' behavior and design into familiar interface templates, which decreased user support needs and improved bug-fix response times.
- Mentored two junior developers by helping them recognize effective code and by recommending learning paths.
- Streamlined corporate tasks by assessing needs, architecting solution, and developing natural software solutions.

### Independent Full Stack Developer

**Seasonal Remote Freelancing** (03/2013 – 12/2016)

- Completed independent, remote projects using PHP, MySQL, and Ext JS for seven diverse clients.
- Developed responsive user interface for internet startup while collaborating with eight international employees.
- Gained strong interpersonal skills by managing communication and workflow across simultaneous projects.

### Programmer & Development Consultant

**James McGuinness & Associates** – Schenectady, NY (08/2008 – 03/2010)

- Designed and developed custom software for clients in the public and private sector in jQuery, VB.NET, VB6.

## Education

### Bachelor of Engineering, Computer Engineering

**Union College** – Schenectady, NY (2008)