

# Chris McGee

## Full Stack Software Engineer

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### Technical Skills

**Front-End:** JavaScript(ES5 and ES6), React, HTML5, CSS3, SASS, JQuery

**Back-End:** Node.js, Express, MongoDB, Mongoose, MySQL, Sequelize, Redis, NGINX, Axios, RESTful API Development

**Testing/Deployment:** Jest, Enzyme, Mocha, CircleCI, CI/CD, K6, Loader.io, Lighthouse, PageSpeed Insights, AWS (EC2), PM2

**Developer Tools:** Git, GitHub, NPM, VIM, Webpack, Babel, Agile Methodology, Scrum, Test Driven Development, Pair Programming

### Software Engineering Applications

**Leaft | Full Stack Developer** (JavaScript, React, SASS, Node.js, Express, MySQL, NGINX) [github.com/BOC-LightSalmon/hr-rpp29-leaf](https://github.com/BOC-LightSalmon/hr-rpp29-leaf)  
*Full-stack web application for posting and sharing carpool routes*

- Created **CI/CD** pipeline with **GitHub Actions** to automate testing and deployment to **AWS EC2**
- Used **React**, **React Router**, and **CSS** to implement responsive slide-out navigation
- Constructed **MVC** template for **Node.js** API to allow rapid development and maintainability

**Baobab | Back-End Engineer** (JavaScript, Node.js, Express, MySQL, NGINX, Redis, K6, Loader.io) [github.com/RPP-29-BAOBAB/QA-AP](https://github.com/RPP-29-BAOBAB/QA-AP)  
*System Design of Prototype **RESTful API** backend microservice*

- Engineered an **ETL** process with **Node.js** and **Sequelize** to transfer over 12 million lines of CSV into a database in under 8 minutes
- Optimized **SQL** queries using indexing to reduce query times by 500% on my local machine
- Deployed 9 **AWS EC2** instances with two **NGINX** load balancers and a **Redis Cluster** to sustain **3000 RPS**

**Chevre | Front-End Developer** (JavaScript, React, HTML, SASS, Webpack, Babel) [github.com/HR-Team-Chevre/hr-rpp29-fec-chevre](https://github.com/HR-Team-Chevre/hr-rpp29-fec-chevre)  
*Product Page for e-commerce website using data from a **RESTful API***

- Developed sortable, filterable Ratings and Reviews section with **React** and **SASS**
- Utilized bundle compression, tree shaking, and image quality optimization to reduce Time to Interactive (TTI) from 2.1 to 0.6 sec
- Encapsulated click tracking logic in **React** higher-order components to allow Real User Monitoring (RUM) across the entire application

### Professional Experience

**Galvanize | Software Engineering Immersive Residence (SEIR)** 12/2021 - present

- Assist students by helping them develop their problem solving process during help desk hours, encouraging autonomy
- Provide office hour appointments for more in-depth discussion of software engineering topics students are trying to learn, as well as 1 on 1 work practicing their problem-solving technique.

**Compucom | Lead Field Service Technician** 05/2014 - 09/2021

*Break/Fix Tech Support for IT hardware in Central Illinois region retail stores including Lowe's, Wal-Mart, and Home Depot*

- Awarded quarterly bonus five times for top performance on customer survey responses, timely completion of projects and tickets, and exceeding SLA requirements
- Received recognition for exceeding expectations resulting in a promotion to team lead, enabling me to train three new hires and support a team of five technicians.

**Advanced Technology Services | IMAC Technician** 10/2013 - 02/2014

*Delivered and installed PC's and laptops as part of the Caterpillar Windows 7 refresh project*

- Provided maximum satisfaction of high-profile executive clients by taking extra steps to ensure data transfer integrity

**Southeast Aerospace | Marketing Assistant** 03/2012 - 07/2013

*Assisted Marketing Director with brochures, photo editing, graphic design, and updating data*

- Took the initiative to modernize the layout template for product pages to give more clarity to the user experience

**First Baptist Church of South Brevard | Front End Developer** 10/2008 - 02/2012

*Filled many roles including, web designer, orchestra director, JV basketball coach*

- Rebuilt a user-centered website facilitating higher user response and increasing interest and community awareness
- Earned additional responsibilities over time for displaying success in each role I undertook

### Education

**Hack Reactor | Advanced Software Engineering Immersive**

**Berean Baptist College | BS, Secondary Education**