

# Jim Walter

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## SELECTED SKILLS

**Communication:** Product Demonstration, Discovery, RFP Selection and Completion, Lead generation, Cross Functional Communication and Collaboration

**Techniques:** Data Analytics, Agile Development, Pair Programming, Test Driven Development, RESTful Design, Service-Oriented Architecture

**Front-End:** JavaScript ES6 (most experienced), ReactJS, jQuery, AJAX, CSS, HTML

**Back-End:** Java (dabbled in), Python (dabbled in), Node.js, Express, MySQL, PostgreSQL, MongoDB

**Tools:** Git, Docker, AWS, Chart.js, Heroku, Webpack, Babel, Trello, Artillery.io, Knex

## SOFTWARE ENGINEERING EXPERIENCE

**Contract Software Engineer** | Giide [ [Deployed Site](#) ] MAY 2020 – AUG 2020

- Used ReactJS to build static website pages and deployed using AWS S3
- Implemented client designs with priority on responsive design and cross browser compatibility
- Created a contact form to collect user input and pass information to the appropriate API call
- Prioritized scalable and maintainable solutions and optimized content for SEO
- Communicated with a remote team to manage deadlines and expectations

**Full Stack Software Engineer** | Used Vehicle Web App Project [ [Github](#) ] FEB 2020 – APR 2020

- Used Agile methodologies to create and improve a microservice for vehicle recommendations
- Designed and populated PostgreSQL and MongoDB databases with 10,000,000 unique records
- Improved query performance via indexing for Postgres by 400% and 150% for MongoDB
- Used inherited React front end to develop appropriate API endpoints using Node.js and Express
- Achieving 1,000 RPS locally during stress testing using Artillery.io
- Migrated and deployed service on AWS using Docker containers and EC2 t2.micro instances

## SELECTED PROFESSIONAL EXPERIENCE

**Manufacturing Sales Engineer** | Rexnord Industries JAN 2016 – AUG 2016

- Led sales process from discovery to product selection for carbon fiber industrial products
- Demonstrated product value by communicating technical information to prospective customers
- Promptly responded to inside sales tasks such creating quotes, orders, and statement of works
- Supported existing customers and facilitated lead generation on new customer projects
- Generated technical documentation for custom products and Statement of Works

**Manufacturing Engineer** | Carefree of Colorado SEPT 2016 – JAN 2020

- Designed, specified, and built machines to automate manufacturing processes using PLCs
- Reduced labor by 20% and increased annual profit of replacement canopy products by \$3,000,000
- Proactively collaborated with other teams to ensure compatibility of production equipment
- Managed two Engineering Technicians during projects to reduce time to production

## EDUCATION

**Galvanize** | Hack Reactor Software Engineering Immersive Program FEB 2020 – MAY 2020

- 18 week full time in person software engineering bootcamp specializing in full-stack development

**University of Nebraska – Lincoln** | BS in Mechanical Engineering AUG 2009 – MAY 2014

- Received Engineer In Training (EIT) certification