

James Lewis

Senior Software Engineer

Based in Chicago, IL
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Technologies

Primary JavaScript, NodeJS, TypeScript, React.js, PHP, RESTful API, SQL, MongoDB, Google Cloud, AWS, Linux, Docker, Containerization.

Secondary Java, Python

Interested in Design Patterns, Microservices, APIs, Clean code

Experience

Cox Automotive | Senior Software Developer

Nov 2021 - Present | Atlanta, GA

- Oversees software features from conception to implementation including feature breakdown, task assignment, and sprint planning.
- Designed software systems to reduce complexity and provide additional functions.
- Working as part of a team to upgrade existing platforms including migrating from AngularJS 1.8 to the newest Angular, moving from bower to NPM, and upgrading the current PHP version.

Diversitech | Lead Backend Developer

May 2021 - Nov 2021 | Duluth, GA

- Designed, developed and deployed an Express NodeJs application that integrated the Salsify Platform API with JD Edwards ERP. Acting as a middleware, it was used to sync data between Diversitech's product master system and their ERP
- Led a small development team and implemented modern software development practices including agile workflow, modern infrastructure tools, and coding best practices
- Oversaw development on an eCommerce application powered by Oro and Symfony

Envisage International | Software Engineer

Feb 2016 - May 2021 | Neptune Beach Florida

- Integrated with Universities and College Systems via API to deliver lead data in real-time using PHP
- Developed a payment path and integrated it with a payment gateway to add a subscription model to our website

- Worked with Google Cloud and Docker Infrastructure
- Designed and Developed single-page JavaScript applications
- Updated web applications from Yii to Yii2
- Worked with containerized service applications that provided queuing, caching, PDF generation, and more.
- Regularly worked on web application SEO audits to improve Google PageSpeed numbers

GlossyFinish | Lead Web Developer

Mar 2020 - May 2021 | Jacksonville, Florida

- Lead engineer developing a Progressive Web Application in React
- Developed software to enhance the existing point of sale web application
- Designed, developed, and documented a Restful API using the Slim PHP Framework
- Designed and managed AWS infrastructure including serverless services
- Integrated with several third-party services via API to enhance the core product including payment gateways and image processing and storage

The Parts House | Web Developer

2014 - 2016 | Jacksonville, Florida

- Developed dropshipping automation software that was integrated with Amazon and UPS
- Designed and developed responsive mobile software for a diverse set of portable computers and scan guns including software for inventory scanning, inventory lookup, and directed picking via mobile devices using the shortest path algorithm
- Redesigned the user interface of the mobile software suite giving The Parts House the ability to add a greater variety of mobile devices to increase productivity.
- Integrated with the Elite Extra API to implement order dispatching software that provided real-time tracking and updates on drivers

Education

Sunshine PHP Conference

2017, 2018, 2019, 2020 | Maimi, Florida

Dockercon

2017 | Austin, Texas

University of North Florida | Computer Science

2011 - 2013 | Jacksonville, Florida

St. Johns River State College | Associate of Art

2009 - 2011 | Palatka, Florida