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# Andrew Vance

Full-Stack Software Engineer

[github.com/Andrew-Vance](https://github.com/Andrew-Vance)

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## Technical Skills

Front End: HTML/CSS || ReactJs || React Hooks

Back End: Node.js || Express

Databases/ORMS: MySQL || MongoDB / Mongoose

Testing Frameworks/Tools: Mocha || Chai || Jest || Enzyme || New Relic || loader.io

Technologies/Libraries: JavaScript || Axios || Babel/Webpack || Passport || Express-Sessions || AWS EC2/RDS || Docker

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## Software Engineering Applications

Vapor - Scaling legacy code to handle thousands of requests per second

[github.com/Team-2-Node-Thyself/Reviews](https://github.com/Team-2-Node-Thyself/Reviews)

- Reduced query times in MongoDB by using unique indexes for the product id (down to 0ms in the MongoDB shell)
- Deployed multiple instances of the server to **EC2** and created a load balancing instance running **NGINX** to spread incoming requests across multiple servers
- Using **loader.io** to stress test, at 1000 rps the average response was 15ms with the max at about 40ms

Bullseye - A product page displaying information and reviews based on product id

[github.com/iron-people-fec/similar-items](https://github.com/iron-people-fec/similar-items)

- Hosted images on **AWS S3** to reduce package size sent to clients on requests
  - Consolidated styles to **styled-components** for easier integration into other projects
  - Configured a **Dockerfile** for ease of testing and deployment
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## Education

Hack Reactor / Advanced Software Engineering Immersive

2020-2021

Full-Stack Development || Test Driven Development || Agile Practices || Pair programming || Git Workflow

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## Professional Experience

JB Hunt / Truck Driver

2016-2020

- Constantly updating route and stops based on pickups and deliveries