

Tom Murphree

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Technical Skills

Languages & Frameworks	JavaScript, Node.js, Express, Jasmine and Cypress test-driven development (TDD), Vue.js, Sass (SCSS), Bootstrap, HTML5, CSS3
Databases/DBMS	MySQL, Transact-SQL (T-SQL)
Management & Deployment	git, Docker, Amazon Web Services (AWS), Jira, Heroku
Methodologies	Agile, REST, MVC

Experience

Application Developer, Grande Communications, October 2019 – November 2020

- Created an API (using Node.js, Express, and Docker) that manages communications switches. This allowed the business to use new hardware in the existing automation workflow and **saved 5 minutes of employee time per move, add, or change to the network**.
- Moved an existing, multi-service Node.js application from three SQL schemas and three APIs to a common schema and API. This simplified troubleshooting and allowed all business units to benefit from the same features.
- Improved the above application. I added JSDoc documentation, Jasmine unit tests, and ESLint code linting that will speed future development.

Software Developer, Cue Vapor, April 2018 – September 2019

- Wrote an API that enforced shipping restrictions and calculated three different excise taxes at checkout. The API used Docker-deployed Node.js code to convert JSON input into Redux-style JSON actions. The API allowed us to use a subscription provider that **reduced transaction fees by 1% per sale**.
- Maintained a Node.js API deployed with AWS Lambda and AWS API Gateway.
- Migrated our RESTful shipping web application API from PHP to Node.js. This saved hundreds of dollars / month and allowed me to use Jasmine TDD in future sprints.
- Developed a web application to track warehouse inventory using Vue.js. Cypress testing helped ensure a good result. The application transformed a paper-based process to an online, searchable dashboard.

Web Application Developer, Leverage, March 2017 – April 2018

- Enhanced a Node.js, AWS Lambda-based API in various ways. Protected it with an API key. Separated the production and development environments with AWS API Gateway stage variables. Integrated the API with NetSuite, Zapier, Airtable, and Slack. Increased the code readability and reliability by separating multipurpose functions into independent modules. Promoted portability by documenting the API. Resulted in a job with Cue Vapor.
- Converted a spreadsheet into an AngularJS web application that shows users the best poker hand to play in various situations. This reduced user wait time from 20 seconds to less than 1 second and made it look great on mobile devices. The client liked it so much he asked me to make six more web applications for him.

Senior Network Administrator and Network Administrator, Farm Credit Bank of Texas, October 2008 - July 2016

- Led the three-person server backup and recovery team. We were constantly audited, so I continually communicated with the team to make sure that they understood and followed the written procedures.
- Met with and explained complex technical topics to nontechnical Sarbanes-Oxley (SOX) and SOC 2 auditors.

Education and Certifications

Microsoft 2018 - Exam 70-761: Querying Data with Transact-SQL

General Assembly 2016 - Web Development Immersive, Remote

University of Texas 2002 - Bachelor of Business Administration, Management Information Systems