

# Kevin Hall

[kjhall.business@gmail.com](mailto:kjhall.business@gmail.com) • (239) 634-7897 • Tallahassee, FL 32311 • [linkedin.com/in/kevin-j-hall/](https://www.linkedin.com/in/kevin-j-hall/)

## Technical Skills

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**Programming Languages:** JavaScript, Typescript, Python, C#, Java, SQL, PostgreSQL, XHTML/HTML5, CSS

**Frameworks:** React, Angular, Node.js, Jest, NestJS, Typeorm

**Tools:** Git, GitHub, Visual Studio, Visual Studio Code, IntelliJ IDEA, Chromatic, Microsoft Teams, Jira, BrowserStack, Docker

## Work Experience

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### The Launchpad | Full-Stack Software Engineer

March 2021 – May 2024

Responsible for the creation, implementation and maintenance of [technologymatch.com](https://www.technologymatch.com) web pages that match customers to targeted vendor solutions aligned to their business needs.

- Collaborated with a team of full-stack developers daily via Microsoft Teams with ongoing project work delivered through Jira tickets across two sprint periods every month.
- The front end work leveraged relevant React SPA techniques using typescript and QA validation and testing via BrowserStack to ensure 40+ web pages were interactive, responsive, and easily maintained across common mobile and desktop user devices.
- The back end utilized Node.js and Typeorm leveraged with a PostgreSQL database stored on a Docker instance to accomplish scalability, easier maintenance, and quick API development work.
- Conducted unit and end-to-end testing using Jest to develop and maintain a suite of over 3000 tests to ensure consistent, efficient, responsive, and correct behavior of the website across a variety of actions a user may do when interacting with the website.
- Source code, servers, and various lambda scripts were managed through AWS with processes in place to validate deployments on the CI/CD pipelines.
- Helped support the creation and update of 20 pages of documentation intended to help both developers and the internal sales team with detailed process setups and video guides where appropriate.

### Freelance | Web Developer

November 2019 – September 2020

Developed and maintained an interactive webpage in a UX friendly design using tab pages, buttons, and lists to allow simple storage and retrieval of important information for a client.

- Guided client through the process to identify project requirements, clarify expectations for revisions or new features, set time frames, and delivered weekly updates.
- The visual front end for the webpage was created with HTML5 and CSS.
- Manipulation and storage of user data was handled asynchronously with input elements and embedded calls to the underlying database using JavaScript.
- Python script tools were implemented to convert 11 large pages of client supplied Excel data directly into usable JavaScript html elements for use in the user facing webpage.

## Education

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### Master of Science in Computer Science

Georgia Institute of Technology - Atlanta, GA

### Bachelor of Science in Computer Science

Florida State University - Tallahassee, FL