

# Spencer Cheney

Software Engineer

🏠 Idaho Falls, Idaho

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🐙 [github.com/spencercheney](https://github.com/spencercheney)

Software Engineer with over four years of web development experience. Brought projects from idea to production while maintaining and improving legacy code in existing projects. Has taken responsibility for in-house and client projects with 100+ users. Designed and developed high-quality, full-stack solutions.

## Employment History

Information Systems Laboratories - Idaho Falls 11/2019 - 01/2024  
Engineer [islinc.com](https://islinc.com)

- Worked with a team to establish requirements of projects that will meet the client's needs
- Developed innovative front-end solutions using JavaScript to reduce back-end work and improve the user interface
- Improved code bases by documenting and reducing code to enhance the developer experience
- Created resilient Java back-end solutions reducing loading times through SQL queries, multithreading, and Rest API development
- Managed multiple SQL databases for use in development, testing, and production, protecting data at all stages
- Lead research into switching applications from using a library that reached EOL to a Java JSON API back-end and a React front-end to reduce security vulnerabilities and keep up with best practices
- Setup and managed SVN servers to allow collaboration between developers
- Analyzed the performance of applications and identified areas to improve

Razor's Edge Boxing Club - Idaho Falls 07/2022 - 12/2023  
Freelance Developer [razorsedgeboxingclub.com](https://razorsedgeboxingclub.com)

- Took an idea from a client and created an application to meet their needs
- Redesigned their existing logos to work with the color scheme to maintain brand identity
- Designed wireframes and prototypes for approval by the client
- Created a web application with React that shows all of the data on one page to simplify the interface
- Created a NoSQL Firebase database so newsfeed data can be updated while continuously being read
- Continued communicating with the client after development to maintain the relationship and continued work as their needs changed

## Projects

R-Matrix 11/2019 - 01/2024  
Web Developer [islinc.com/products/matrix](https://islinc.com/products/matrix)

- Simplified tables of large data sets by adding custom JavaScript pagination that reduces the amount of data requested at a time
- Identified talent added to the team who expedited the growth and progress of the application
- Reviewed the code of teammates and established continual tests

## Education

BYU - Idaho Rexburg, ID  
Bachelor of Science in  
Computer Engineering  
3.4 / 4.0 GPA

Highlights:

- Created a soda fountain with custom combinations
- Built an FPGA interface for testing in a NASA spacesuit
- I.T. internship for the city
- Jazz Band

## Certificates

Meta Front-End Developer  
Professional Certificate

## Skills

Web Development	Expert
Java	Expert
JavaScript	Expert
React	Expert
SQL	Expert
Version Control	Expert
UI/UX Design	Expert
Teamwork	Expert
Communication	Expert