

Devan Kavalchek

Portfolio: <https://kavalchek.dev>

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Education

Rochester Institute of Technology | Rochester, NY August 2020 - May 2025
B.S Software Engineering
Dean's List Spring 2021 to Present
Member of Society of Software Engineers

Work Experience

AMD | Boxborough, MA August 2023 - Present
Software Engineer Co-op
Python, HTML, CSS, JavaScript, SQL

- Enhanced flask web server to display new metrics and improve user workflows.
- Created a program to periodically log metrics that were used to optimize emulator scheduling and usage.
- Refactored web server code to be more extensible and utilize best practices.

Phoenicia Labs | Cleveland, OH June 2023 - August 2023
Mobile & Full Stack Engineer Co-op
Flutter (Dart), ReactJS (TypeScript, HTML, SCSS), AWS (TypeScript, NoSQL)

- Utilized Flutter to build a client banking mobile application from the ground up.
- Helped quickly build a MVP payroll system that raised \$1.1 million from investors.
- Worked around constantly shifting requirements and deadlines on a small, fast-paced team.
- Improved team workflow by implementing agile software development processes to improve cycle time and visibility.
- Met in person with clients and potential customers to demo features and receive user feedback.

Wayfair | Boston, MA July 2022 - December 2022
Full Stack Engineer Co-op
ReactJS (TypeScript, HTML, SCSS), Java, SQL

- Utilized ReactJS, TypeScript and Redux to fix, maintain and update internal marketing tools that are used to design and deliver billions of emails and push notifications every day.
- Improved code health by eliminating hundreds of code smells in the codebase.
- Took ownership of the objective to migrate SQL tables and API endpoints from outdated PHP Monolith to Java Spring Boot.
- Resolved the highest number of story points in a single month on the frontend notifications team for the year.
- Frequently gave demos of upcoming features to stakeholders to receive feedback.

Programming Languages

TypeScript
JavaScript
Java
Python
SQL
Dart
HTML
CSS/SCSS

Frameworks

ReactJS
Flutter
AWS
Firebase
Flask

Tools

Git/Github
Command line
Docker
Postman
Storybook
Figma
Vim

Awards

BrickHack7:
Best Usage of
Google Cloud
ClayHack
2020: Best
Project Design
Meet & Hack
2022: 2nd
Place
Community
Hack