

Ryan O'Connor



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Objective

To build and maintain full-stack web and mobile applications.

Software Projects

- **AtoB Mobility Inc.**
 - Currently building a web and mobile app for a startup company me and a few classmates are trying to build.
 - The startup is called AtoB Mobility Inc, a ride-sharing company where users can carpool with multiple passengers if they are going to a similar destination.
 - Used the Stripe API to process payments.
 - Setup AWS EC2 and RDS instances to host our website.
 - **Used:** MySQL, NodeJS, AWS, Bootstrap, Stripe API, Google Maps API, Flutter
- **Group Finder Web Application**
 - Led a team of 3 people to create a LAMP web application hosted on an EC2 instance on Amazon Web Services.
 - On this site, users can post school projects on the website and look for projects posted by other users based on the skills needed for the project.
 - I designed the database schema, managed our AWS services, and wrote part of the server-side code.
 - **Used:** Linux, AWS, PHP, MariaDB
- **RyRender WebGL Library**
 - Created a WebGL library called RyRender to simplify displaying and moving 3D graphics on a web page.
 - **Used:** Typescript, WebGL

Education

Hammond, IN *Purdue University Northwest* *Aug 2020 – Present*

- **Major:** Computer Science B.S.E
- **Minor:** Computer Engineering
- **Relevant Coursework:** Data Structures, Database Systems, Software Engineering, Statistics

Employment

Service Checker *Jewel Osco* *June 2019 – November 2021*

- Provided on-site training to many cashiers and courtesy clerks.
- Collaborated with coworkers to help customers and fill e-commerce orders.