Ryan O'Connor

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Objective

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

Software Projects

- *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
- **Purdue Northwest Additive Manufacturing Club Website**
  - Helped create a web application for Purdue Northwest's Additive Manufacturing Club that allows customers to request for parts to be printed on 3D printers. These orders can them be printed and be available for pickup.
  - **Used:** Typescript, NextJS, React, NodeJS, PostgreSQL

Education

Hammond, IN   Purdue University Northwest   Aug 2020 – Present
- **Major:** Computer Science B.S.E
- **Minor**: Computer Engineering
- **Graduation Date:** Spring 2024
- **Relevant Coursework:** Data Structures, Database Systems, Software Engineering, Statistics, Networking

Experience

Full Stack Developer   AtoB Mobility Inc   March 2023 – Present
- Currently building a web and mobile app for a startup company called *AtoB Mobility Inc.*, a ride-sharing company where passengers can bid to reduce the price of their trips.
- Helped prototype the website, mobile app, and NodeJS server along with three other developers.
- **Used:** *MySQL, NodeJS, Javascript, Bootstrap, Stripe API, Mapbox API, Flutter*