Students pursuing software engineering as a career typically come across the same challenge of finding experience and software projects to work on for their resume or portfolio. We want to help solve that problem by providing a platform where students can learn and grow their abilities as developers. GitMatch is an online platform that aims to provide the opportunities and resources necessary to create skilled software engineers that can enter the technology industry confident in their abilities. Additionally, our platform serves as a breeding ground for new innovations, providing them with the opportunity to thrive and gain recognition.

In this project, I worked as the lead engineer to develop the backend software for the platform. Throughout the development, strategic data informed decisions were made regarding the technical architecture as well as the project goals and requirements.

The backend was developed using various Amazon Web Services such as Lambda, AppSync, EC2, DynamoDB, Cognito, OpenSearch, and API Gateway. Other technologies used in development include NodeJS, TypeScript, GraphQL. For the development process, an Agile methodology was followed, and Jira was used for streamlined task tracking and management.

In conclusion, the development of GitMatch has been a great opportunity to learn about and use technologies such as AWS to address challenges in the developer community. The team had a successful demonstration in front of an audience at DubHacks Next’s Demo Day.