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Projects

PicMe Collections

An image-sharing application which allows users to upload their images, add friends, and add a friend's images to their collection. The app features authentication for registered users, friend management, collection modification, and in-app purchases. This project was completed as a group of five while a student of Lambda School and each of us had some exposure and made contributions to both the front-end and back-end development. We used the PERN stack (PostgreSQL, Express, React, Node) in addition to the Stripe API, the Cloudinary API for an image CDN, Trello and GitHub for collaboration, JSON Web Tokens for authentication, Heroku for back-end deployment and Netlify for front-end deployment.

[Site](#) • [GitHub](#)

Lambda Notes Application

A note-taking application which allows users to create new notes, sort and search through existing notes, delete notes, edit notes, and export their notes to CSV format. This was the culmination of two assignments at Lambda School. The front-end of the project was completed using React and the back-end was completed with MongoDB and Express.

[Front-End GitHub](#) • [Back-End GitHub](#)

High Seas

This is an Android game which puts the player in control of their own ship in the middle of an archipelago. The game features ship to ship fighting, bounties and missions, trading, and leaderboards. It was developed with the Unity game engine in C# along with Autodesk Maya for 3d modeling and Adobe Photoshop for image editing.

[Google Play Store](#)

Experience

Lambda School

March 2018 – Present

Full Stack Web Developer

- A thirty-week immersive computer science program with a heavy emphasis on web development
- Learned about the programs and services involved with development such as Git, GitHub, and VS Code.
- Front-end technologies covered included HTML, CSS, LESS, JavaScript, and React.
- Back-end technologies covered included Node, Express, Mongoose, and MongoDB.
- Computer architecture, algorithms, data structures, and multiple programming languages were also covered in depth.

Private Freelance Tutoring

June 2003 – Present

Mathematics Tutor

Skills

- JavaScript
- React
- Redux
- Jest
- Express
- Node
- NPM/Yarn
- HTML
- CSS
- LESS
- MongoDB
- PostgreSQL
- Python
- C#
- GitHub
- VS Code
- Visual Studio