

Baljot Singh

✉ baljotvirk07@gmail.com ☎ +14143064761 📍 Milwaukee, Wisconsin 🔗 <https://baljot.com/>

EDUCATION

University of Wisconsin-Milwaukee

2019 – December 2023

Bachelor of Science: Computer Science

3.7 GPA

SKILLS

Languages

Python, Java, HTML/CSS/JavaScript, C#

Technologies

React.js, Node.js, GitHub, Firebase, AWS, MVC, .NET Core, ASP.NET, Blazor

PROJECTS

Notebook

An serverless web application for taking notes

- Amazon Web Services were used to make the application serverless
- Amazon Cognito and Amazon DynamoDB was used for authentication and data storage
- React.js was used for the frontend
- API Gateway was then used to connect the frontend to the serverless backend

Instant Lottery Tracker

Created Progressive Web App (PWA) for work that eliminates the need for paper logs or manual entry to keep track of lottery inventory and lottery sales.

- Helped save 100+ hours each year
- Firebase was used for authentication and database
- Cloud functions were used to scrape WI lottery for new instant lotteries when they are in circulation

Teaching Assistant Scheduling App

Worked in a group of six to create an web application that aims to improve the process of assigning teaching assistants to courses easier.

- Django was used to create the web application
- Helped create the backend and the frontend of the application
- Learned to apply software engineering methodologies and design principles such as agile and SOLID

PantryPals

Worked in a group of five to create an mobile and web app to help organize your fridge with multiple people

- Tools used were Firebase, React.js, Capacitor.js and GitHub
- Applied agile methodology to emphasizes continuous collaboration and improvement.