

# Baljot Singh

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## EDUCATION

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### University of Wisconsin-Milwaukee

2019 – December 2023

*Bachelor of Science: Computer Science*

3.7 GPA

## CERTIFICATES

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- AWS Certified Developer – Associate

## SKILLS

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### Languages

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

### Technologies

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

## PROJECTS

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### 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.