Colby Sawada

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OBJECTIVE

Recent college graduate with over one year of experience in full stack development that possesses knowledge in 5+ languages, primarily Java. Seeking to leverage my technical and interpersonal knowledge to further my software engineering career and land a full-time engineering position.

EDUCATION

Bachelor of Science Computer Science
Bellevue College
Honors: Cum Laude (GPA: 3.64/4.0)
Focus on Algorithms, Cloud Computing, Data Structures, Machine Learning, Technical Writing

PROJECTS AND EXPERIENCE

Food Recommendation Android App <Senior Project>
- Used Android Studio to write an application in Kotlin and Java that provides the user with a meal recommendation depending on their diets, cuisine preference, allergies, and eating habits
- Designed majority of UI using Figma and applied all phases of the software development lifecycle (SDLC) to produce a high-quality product in a short time frame
- Leveraged AWS DynamoDB and AWS Cognito to implement secure authentication, sign up, and database storage while also implementing APIs to pull recipes from online web sources

Automatic Cloud Ticket System (C#, AWS)
- Designed a hybrid cloud application using AWS technologies to process license plates and notify fictional drivers of their traffic infraction via AWS SES
- Implemented AWS Rekognition for text extraction of license plates images, S3 bucket system for storing plate information, and automated the system using a Windows Worker Service to streamline functionality of the program

Kitchen Inventory Manager (React, JavaScript, CSS)
- Designed a web application that allows user to manage food quantity, organize them into custom sections, and displays restock reminders
- Implemented dynamic search functionality, navigation between pages (react-router), and database storage using Mongoose

TECHNOLOGIES AND LANGUAGES
- Java, Python, C#, JavaScript, SQL, HTML, CSS
- Git, AWS, NoSQL, React, Sass, Bootstrap

CERTIFICATIONS
- AWS Certified Cloud Practitioner