

Milan Gurung

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Objective

Detail-oriented computer science graduate passionate in back-end cloud infrastructure and cloud computing. Possesses a solid understanding in web programming, and explored interest in machine learning through coursework. Seeking an opportunity to apply my knowledge, effective written and verbal communication skills and collaborative ability. Also, eager to learn new skills in a challenging entry-level software engineering role and grow with the company.

Education

Bachelor of Science, Computer Science

Bellevue College

GPA: 3.87

Sept. 2019 – Dec. 2022

Bellevue, WA

Coursework: Software Engineering, Web Programming, Algorithms, Computer Architecture, Cloud Computing, Data Structures, Database Systems, Machine Learning, Operating Systems, Senior Capstone

Personal Projects

HealthRing App | Capstone Project | Android Mobile

- Worked in a team and designed a new android app for HealthRing. A health and fitness monitoring wristband, incorporating accessibility and ease of use targeted towards the elderly people.
- Applied MVVM design pattern for the app. Also used data binding, and SQLite for internal storage.
- Personally identified backend architecture with decoupling in mind and integrated AWS services such as API Gateway, AWS Lambda and DynamoDB together into the android app.

Kitchen Inventory Manager | React Web Application

- Basic web application to keep track of the food inventory, location of food storage in the kitchen, automatically creating a grocery list of stocked items that fall low below a specified threshold.
- Learned how to use react router DOM for navigation between pages.
- Persisted data on the web browser's local storage using state management techniques.

Dota 2 Game Tracker | Flask Web App

- Web application to track Dota 2 (E-sport game) professional matches for results and stats etc.
- Used Flask web framework for development along with Python and HTML.
- Used a free OpenDota API to request game data in JSON and extracted target data.

AWS Translate | Console C# App

- Translate any user input, English text, into targeted languages with AWS Translate API.
- Applied asynchronous programming technique by using request and response objects.

Projects/Portfolio Links

- github.com/milangrg
- milangrg.github.io/portfolio/

Technical Skills

Languages: Java, Python, SQL, JavaScript, HTML/CSS, C#, C++, Kotlin

Frameworks: React, Node.js, Flask, JUnit

Developer Tools: Git, GitHub, VS Code, Visual Studio, Eclipse, PyCharm, Android Studio

Technologies: AWS, MongoDB, PostgreSQL

Experience

Rideshare Driver, Uber

July 2019 – Current

- Was working part-time driving passengers for Uber while being a full-time student.