

# Sunita Gajurel

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Passionate CS graduate with experience in software development and data analytics committed to utilizing the latest technologies to tackle intricate issues and improve user interactions. With a strong foundation in software engineering principles and a steadfast dedication to continuous learning, I am determined to contribute my expertise to drive the success of forward-thinking projects.

## TECHNICAL SKILLS

**Languages:** Python, C, C++, SQL, Bash, HTML5, CSS, JavaScript,

**Technologies:** React, Next, Node.js, Django, Linux, Git, Docker, Cloud Computing (AWS, Azure, GCP), Serverless Computing, Web development, Front End Development, Messaging services (RabbitMQ, Kafka), Object-Oriented Development, Data Structures And Algorithms, DevOps, Docker, Big Data, Map Reduce.

## EDUCATION

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**University of Washington** (Expected Graduation: Dec 2023)

Masters in Computer Science and Systems (**GPA: 3.9**)

(2022-Present)

**Tribhuvan University** (Kathmandu, Nepal)

Bachelors in Computer Engineering (**GPA: 3.6**)

2015-2019

## WORK EXPERIENCE

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**Software Engineer I**

Cotiviti Inc.

01/2020-08/2021

- Developed and maintained responsive web applications using HTML, CSS, and JavaScript.
- Designed and implemented manual and automated test suites using CypressJs and led to multiple successful production releases.

**Software Developer Intern**

Truemark Pvt Ltd

09/2019-12/2019

Developed a production-ready trivia Quiz application using React-native and collaborated with 5+ team members on a web application using React JS.

## PROJECTS

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**Messaging Services for Serverless Computing: An Investigation of Performance and Vendor Lock-in (Python, RabbitMQ, Kafka) (Individual MS Capstone Project)**

Compares the performance (message and data throughput) of different cloud-based messaging services for serverless platforms and investigates vendor-lock-in issues in them.

**House Price Prediction (Machine Learning, Linear regression, Python) (Individual BigData Project)**

Predicted the house price based on different features using Linear Regression and XGBoost Regression after cleaning and transforming the data.

**Vehicle Renting Android Application (ReactNative, Firebase, Google Maps API) (Group Project)**

Android app using react-native, firebase real time database and firebase function that allows people to provide their private vehicle on rent and see the real time location of the rentee.

**Employee Monitoring and Attendance System (Node-Red, JavaScript, RaspberryPI, Grafana) (Group IOT Project)**

Image Recognition based attendance system, Employee monitoring system, automated lighting as well as automated emergency and weather alert using Node-Red, JavaScript and Raspberry PI.