SANAD J THAPA

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CONTACT

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EDUCATION

Bachelor of Science in Computer Science

Portland State University

Sept 2018 - Dec 15th, 2022
GPA: 3.28
Expected Graduation Dec 2022
Associate of Science - 2018
Portland Community College
2015 – 2018

Technical/ Programming Skills

JavaScript, C++, C, Jira, Git Version Control, Node JS, React, Sails JS MongoDB, MySQL, Mocha, Chai.js, AEM, Java, RUST, Python, Cloud Foundry, HTML, CSS, Nock Adobe Experience Manager (AEM),

Relevant Courses

Object-Oriented Programming
Operating System
Data Structures
Software Development Cycle
SQL and Non-SQL Databases
Discrete Structures
Programming Systems
Web Development
Front End Development

Interpersonal Skills

Collaboration
Team Player
Conflict handle, Research
Problem-Solving
Bilingual Communication

CAREER OBJECTIVE

Passionate Computer Science Senior, Interning at Intel, looking for Entry Level role graduating in **December 2022** where I can grow and learn from other experienced team members as well as learn, upskill, and acquire skills that can shape me as professional.

WORK EXPERIENCE

I. **Software Application Development Engineer (Intern), Intel Corporation**
(2022 Jan - Current)

- As a part of the Customer Experience Team, collectively worked on improving Intel.com Web development Space by **automating** development practice and **reverse engineering** functionality into **microservice** to offload resources from intel's enterprise servers by participating in code deployment (**CI/CD)** into the production in **cloud foundry**.
- Built a Microservice to **offload functionality and SQL Database** Resources from intel's enterprise server into a **Node JS Microservice** which helped reduce the load and publish webpages faster.
- Participated in supporting in **automating** the development by creating the **GitHub/Jira - Node JS Integration** app to send notifications to developers of any file changes or user story comments and storing the changes in Mongo DB.
- Participated in **Agile Software** Development environment and practiced daily **SCRUM** meetings to plan, estimate and retrospect sessions and tracked assignments using Jira.
- Participated in **mentoring two new interns** and ramping them up to speed on intel.com infrastructure, architecture, and internal Tools.
- Participated in **Code Reviews** of new interns to ensure a healthy codebase, all while fostering knowledge sharing and Collaboration along with training them with the internal code framework and unit testing with high code coverage and best development practices.
- Created Java servlet using **Object-Oriented** method and added unit testing for it to fetch data through this endpoint for Adobe Experience Manager Content Management System.

II. **Linehaul Coordinator, FedEx (2019 Dec to 2021 Dec)**
Responsible for setting up and supervising all aspects of the FedEx Logistics linehaul operation and monitoring facility reporting metrics related to service, safety, cost, and quality.

Relevant EXPERIENCE / Projects

I. **Computer Vision, Machine Learning** (Software Dev Capstone Project)
(June 2021 - December 2021)

- Trained an Image Classifier for an Oregon Based Video Processing company Sightline applications to identify cars and Humans and **document confusion matrix** and test results.
- Put together a dataset of images, cleaned it, and modify the raw data using **Python Script** to fit the dataset used for the training model by retuning, and retesting the Image classifier.
- Participated in brainstorming in weekly **SCRUM** team meetings with a team of 6 members to discuss our approach to problem-solving and reaching our goal accuracy.

II. **Full-Stack Development** (Software Dev Class Projects 2021 - 2022)

- **Chat App (MERN Stack)** - Built frontend and backend for an instant messenger chat app using MongoDB, Express, React, and Node JS that allowed users to create accounts and verifies them using authentication and allowed attendees to chat with each other. This app is limited in functionality which utilizes socket.IO.
- **Guess the word Game (socket.IO)** - Built a Nodejs, Socket IO-based game where more than one player can get into a chat room to play the Guess the word to earn points to win. This app is limited in functionality but utilizes Socket IO's.
- **Currency exchange App (Chart.JS)** - Built a currency exchange app that fetches data from currency API and utilizes chart.js to visualize each of them animated and customizable bar, line, or pie chart.
- **Google Maps Platform 101 (Google Map API)** - Added a Google Map to my website by using Map JavaScript API from google which enabled me to use the feature of google maps to track my favorite places located near me.

ACTIVITIES/ Volunteer

- **Volunteer Trainer and Table Tennis Player, Portland Table Tennis Club –**
As a member of the PTTC team, I led an initiative to mentor and coach new player and help them learn how to get started in learning table tennis.