

# SUVEN PANDEY

Kathmandu, Nepal

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## EXPERIENCE

### DevOps Engineer — Foneloan

September 2023 - Present

- Implemented deployment pipeline using Gitlab and Argocd
- Monitor system operations and troubleshoot technical issues

### DevOps Apprentice — CodeRush

January 2023 - June 2023

- Automated deployment of LAMP stack applications using AWS CodePipeline and Terraform
- Integrated WordPress with EC2, RDS, S3, Route 53, ACM, load-balancing and auto-scaling to ensure high availability and fault tolerance

### MLH Prep Fellowship — Major League Hacking

August 2022

- A 3-week program organized by **Major League Hacking(MLH)** designed to provide hands-on experience for professional software engineer

## PROJECTS

### Parkour by Intelligent Agents in a Synthetic 3D Environment [↗](#) | Python

2022

- Generated 3D model of an open area from 2D images using Neural Radiance Fields technology
- The generated model was used as an arena for training a simulated robot to evade obstacles

### Online Job Portal [↗](#) | Typescript, NodeJS, ExpressJS, Python, React, MySQL, SPARQL

2021

- A responsive app that allows users to post, find, get recommendations, get notifications and apply for jobs
- Used ontology-based approach for skill parsing
- Implemented Continuous Deployment to Azure VM using Azure Pipelines

### Pacman [↗](#) | C++, OpenGL

2021

- Clone of a popular game released in 1980, Pacman
- Replicates original game logic including unique movement pattern of each character
- Continuous Integration using Github Actions

## TECHNICAL SKILLS

**Languages:** Python, Javascript, Typescript, Golang, Java, C, C++, SQL, HTML, CSS

**Developer Tools:** Docker, Kubernetes, Ansible, Terraform, Postman, Azure Pipelines, Github Actions

**Technologies/Frameworks:** AWS, Git and GitHub, Linux, ReactJS, NodeJS, ExpressJS, Flutter, Bootstrap, TailwindCSS

## EXTRACURRICULAR

- Open Source Contributions
- Competitive Programming
- Hackathons

## CERTIFICATIONS

AI Programming with Python Nanodegree [↗](#) | Udacity

March, 2023

Fundamentals of Reinforcement Learning [↗](#) | University of Alberta

November, 2022

Google IT Support Specialization [↗](#) | Google

October, 2020

## EDUCATION

### Tribhuvan University

2018 – 2023

*Bachelor's in Computer Engineering*

*Kathmandu, Nepal*

### St. Xavier's College

2016 – 2018

*10+2, Science*

*Kathmandu, Nepal*