REETI PRADHANANGA

reetipradhananga@gmail.com | linkedin.com/in/reeti-pradhananga | github.com/reetipd

EDUCATION

B.E., Computer Engineering, Tribhuvan University   Nov 2017 – April 2022

Relevant Coursework: Machine Learning, Data Mining, Database Management System, Object Oriented Programming, Big Data Technologies

Percentage: 86.98%, *Batch Topper*

SKILLS & TOOLS

Languages: Python, C/C++, Go
Database: MySQL, PostgreSQL, MongoDB
Web Development: HTML, CSS, JavaScript
Tools: Visual Studio Code, Google Colab, Jupyter, PyCharm, GitHub, GoLand
Frameworks: Django, Express
Others: Microsoft Word, Microsoft Excel, LaTeX

PROJECTS

Twitter Sentiment Analysis On Gadget Reviews, *Major Project 2021*
- Django, ReactJS, Pandas, PostgreSQL
- Developed a Naïve Bayes Classifier to analyze the reviews of the gadgets by fetching real-time tweets, classify them as positive, negative, or neutral sentiments, and show their graphical representation
- Analyzed the reviews of the gadgets by fetching real-time tweets using Twitter's API and filtering irrelevant data
- Visually represented the results of sentiment analysis in the form of a line graph, pie-chart

Hamro Krishi, *WLiT Project 2020*
- NodeJS, HTML, CSS, MongoDB
- Platform for farmers to sell their products to consumers and establish a communication medium between them

Job Recommendation System, *Minor Project 2020*
- Django, Bootstrap, PostgreSQL
- Built a web application using Content-Based Filtering Algorithm to recommend IT-related jobs based on the user's skills
- Conducted research on the algorithm to understand how it works and how to integrate it into the web application

Roll with It, *LITE Technical Exhibition 2018*
- C++, Graphics.h
- Single-player car game where the speed of the car gradually increases each level up

WORK EXPERIENCE

Backend Developer, *RARA Labs*   April 2022 - Present
- Developed an employee management system and a lease reporting system using Go, PostgreSQL
- Developed and executed unit tests and integration tests to ensure the quality and stability of the codebase using GrpahQL and Rest APIs in Go
- Worked on authentication and permission-based authorization in Go
- Conducted query optimization to identify and resolve bottlenecks in the database queries

Software Engineering Intern, *Leapfrog Technology, Inc*.   April 2021 – June 2021
- Gained skills and experience in HTML, CSS, and vanilla JS
- Worked efficiently to meet the time and standards of assigned projects
- Made a two-player game having four levels using vanilla JS

INVOLVEMENT

Women Leaders in Technology (WLiT) Fellowship   October 2020 – July 2021
- Nine-month long program with a two-week boot camp on JavaScript (Node JS, Express JS) and MongoDB
- Leadership training followed by teamwork, time management, and problem-solving
- Conducted an Hour of Code Session for students demonstrating the basics of programming through the help of game development

AWARDS

Merit Based Scholarship recipient**,** 2017 - 2022
Kul Ranta Tuladhar Award recipient, 2023, Awarded by Institute of Engineering (I.O.E) for B.E. Topper