Prayash Shrestha

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📍 **Home:** NewBaneshwor, 44600 Kathmandu (Nepal)

ABOUT ME

As a recent graduate with a Bachelor of Engineering in Information Technology, I am excited to bring my technical skills and passion for problem-solving to a dynamic and challenging environment. Throughout my degree, I gained hands-on experience in software development and networking, and I am proficient in a variety of programming languages including Python, Javascript, and Scala. I am a proactive team player with a strong work ethic, and I am confident in my ability to contribute to the success of any organization.

DIGITAL SKILLS

Python / Scala / Typescript / ReactJs / Web Development / Figma / Docker / Linux / Git / SQL

COMMUNICATION AND INTERPERSONAL SKILLS

Skills

Communication / Teamwork / Problem Solving / Time Management / Innovative / Strong Decision Making / Self-Focused

LANGUAGE SKILLS

Mother tongue(s): **Nepali**

Other language(s): **English** | **Hindi**

EDUCATION AND TRAINING

Bachelor of Engineering in Information Technology
Everest Engineering College [09/2017 – 08/2022]

Address: Sanepa, Lalitpur (Nepal)
Website: https://www.eemc.edu.np/

Secondary School
Olympia World College [2015 – 2016]

Address: Babarmahal, Kathmandu (Nepal)

WORK EXPERIENCE

Software Engineer
Wiseyak Inc. [08/2022 – Current]

City: Naxal, Kathmandu
Country: Nepal

- Designed and developed software applications using languages such as Scala and Python
- Implemented front-end to make user-friendly designs.
- Collaborated with cross-functional teams to discuss different projects.
- Managed the deployment of software systems.
- Test cases were implemented to ensure that the system functions properly.

AIML Internship
Wiseyak Inc. [05/2022 – 08/2022]

City: Naxal, Kathmandu
Country: Nepal

- Implemented various search algorithms so as to achieve and create game patterns.
- Built a project using Scala, MongoDB, React, and Typescript to generate the performance report within the organization.

- Test cases were implemented to ensure that the system functions properly

WEB DEVELOPER AND IT SUPPORT
MOBI9TECH DIGITAL AGENCY [10/2021 – 03/2022]

City: Fredericksburg, VA
Country: United States

- Designed and created content for clients.
- Looked after the SEO for the sites if they are optimized to be indexed using tools like Google Analytics and Google Search Console.
- Managed Cpanel for the different sites

PROJECTS

Machine Learning Pipeline

The main objective of this project is to maintain the version of the datasets as well as the machine learning models. All the datasets were created using the Dicom images which are the standard means of keeping medical imaging information. One can create a different number of dataset versions as well as models and can select the best one for the prediction. The complete backend architecture is based on Scala, ZIO, Doobie, and PostgreSQL.

KIRAT COMMUNITY ORGANIZATION OF AMERICA INC.

The objective of the project was to well organize the Kirat communities that are growing in the United States of America. The project showcase all the activities that are being conducted by the community. It could be managed by the admin of the site. The project was developed by using Django Framework and Bootstrap4.

Link: https://kcoaus.org/

Sprint Report Generator

The main objective of this project was to provide a detailed performance report of the employees within the organization. The project is capable of providing report performance reports of members in a sprint as well as in the project. One can easily get the performance report of the individual as well. The project was based on Scala, MongoDB, and React Typescript.

Stock Market prediction with News sentiment Analysis

As a part of the curriculum, this project was created whose main objective was to implement various machine learning algorithms and to find out the relation between news sentiment with the stock market. Various algorithms like Logistic Regression, Random Forest, LSTM, etc were implemented in order to find out the correlation between the news sentiment and the stock market. It showed that the news sentiment could bring variation in the stock market.

Breast Cancer Prediction

As a part of the curriculum, this project was created whose main objective was to implement various machine learning algorithms based on Supervised Algorithms as well as to provide an interactive front-end for the users. We implemented supervised algorithms like Linear Regression, Logistic Regression, Random Forest, etc.

HOBBIES AND INTERESTS

Technical Interests

- Machine Learning and Artificial Intelligence
- Robotics
- DevOps
- System Design
- Functional Programming

Hobbies

- Playing Guitar
- Traveling and Bike Ride
- Singing and Dancing
- Meditation
- Volleyball

RECOMMENDATIONS

CEO
Name: Arun Kumar Bhandari
Email: arun.bhandari@eemc.edu.np

Everest Engineering College, Sanepa, Lalitpur.

Principal
Name: Birodh Rijal
Email: birodh.rijal@eemc.edu.np

Everest Engineering College, Sanepa, Lalitpur.

Head of Department (Computer Science)
Name: Anuj Ghimere
Email: anuj.ghimere@eemc.edu.np

Everest Engineering College, Sanepa, Lalitpur.