

Yukti Bhatt

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Project Manager and Software Engineer, adept at navigating the intersection of technical proficiency and project leadership. Seeking to further strengthen my knowledge and expertise in the field of Software Engineering principles.

EDUCATION

Tribhuvan University, Nepal- Bachelor in Computer Engineering **2023**

Graduated with an aggregate of 72.63%

Subjects: Data Mining, Big Data, Multimedia Systems, Object Oriented Analysis and Design, Software Engineering, C and C++ Programming, Distributed Systems

Final Year Research: Twitter Sentiment Analysis on Gadget reviews

Classification of tweets into positive, negative and neutral categories, using a supervised machine learning algorithm- Naïve Bayes classifier, to provide reviews on latest gadgets.

Minor Project Research: Job Recommendation System

Developed a recommendation algorithm using Cosine Similarity to match job seekers with the most relevant user data. Additionally, facilitated seamless job posting for recruiters, enhancing the efficiency of the hiring process.

PUBLICATIONS

Hada, R., Bhatt, Y., Rayamajhi, M. & Timilsina, A. (2019). THE NEXT-GEN HELMET. KEC Conference 2019

This paper documents the utilization of a smart helmet equipped with IOT technology. The helmet is designed to detect whether it is worn properly, assess the alcohol level of the wearer before motorcycle operation, and promptly dispatch assistance in the event of an emergency.

EXPERIENCE

Technical Project Manager & Software Engineering Manager

Sand Console Pvt Ltd | Client: PiQ Suite

May 2024 – Present | Remote (Kathmandu, Nepal & London, UK)

Technical Project Management (Sand Console Pvt Ltd):

- Managed the full project lifecycle for multiple software projects, utilizing both **Scrum** and **Kanban** methodologies to ensure timely and high-quality delivery aligned with client requirements.
- Successfully led projects for **PiQ Suite**, a platform designed to support financial traders in making informed decisions based on market trends and shifts.
- Led **cross-functional teams** to streamline workflows and maintain clear, consistent communication with stakeholders throughout the development process.
- Occasionally contributed to **backend development** tasks, including building APIs for sub-projects serving U.S.-based clients.

Software Engineering Management (PiQ Suite):

- Led end-to-end project cycles, from requirement gathering and UI/UX design to development and final delivery.
- Coordinated with design and development teams, ensuring seamless execution and client satisfaction.
- Managed UAT (User Acceptance Testing), documentation handover, and production deployment upon client approval.

Software Engineer

Rara Digital Labs | Lalitpur, Nepal

December 2021 – December 2023

Backend Developer (April 2022 – December 2023):

- Contributed to the planning, development, and deployment of multiple **fintech** products, ensuring high-quality outcomes.
- Gained expertise in **event-driven** architecture and **message queuing** systems for scalable and efficient solutions.
- Developed and implemented **management systems**, including healthcare platforms and project management tools.

Software Engineering Intern (December 2021 – March 2022):

- Successfully completed a four-month internship, transitioning to a full-time software engineering role.
- Acquired hands-on experience with programming languages, frameworks, and agile methodologies.
- Engaged in the full software development life cycle, refining technical and teamwork skills.

EXTRA CURRICULARS

- Participated and won in various Tech competitions and programs such as *Hackathon*, *Ideathon* etc.

- Founding member of the *Kantipur Engineering College- Girls Community*. Played a key role in inspiring and empowering girls in the field of technology, encouraging their advancement and progression by organizing various training sessions.
- Participated in the *International Model United Nations (EIMUN)* organized by the US Embassy.
- Presented *Tech talks* to undergraduate students, sharing knowledge in various domains and professional experiences.
- Provided private tutoring services to high school students in *Mathematics and Sciences*, employing personalized teaching methods to foster academic success.

ACHIEVEMENTS

Project- The Next Gen Helmet

Designed an intelligent helmet prototype utilizing Arduino technology, capable of detecting helmet presence, conducting pre-ride alcohol level checks, and automatically triggering emergency assistance when needed for enhanced rider safety.

- Best Idea Hardware- LITE 2019
- Robo Business Cup- Yantra 7.0
- Best Hardware Project- Drishti
- Best Hardware Project- HEX 2020

Project- Trash Away

Project Trash Away digitized waste collection in Kathmandu Valley with a smart waste management system.

- Best Idea Project- Ideathon LITE 2020

PROGRAMMING LANGUAGE

Golang, Javascript (Node, Typescript), C, C++, Python

REFERENCES

Name and Position	Company	Relationship	Contact
Rabindra Khati , Associate Professor and Head of Department	Kantipur Engineering College, Tribhuvan University	Academic	rabindrakhati@kec.edu.np
Saurav Thakur , Chief Executive Officer	Sand Console Pvt. Ltd.	Professional	admin@sandconsole.com