Rohan Chhetry

I am a computer engineer who graduated from Pulchowk Engineering Campus. Possessing a keen thirst for knowledge, hardworking and dedicated to tasks. Currently pursuing a career in data science field as a data engineer.

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EXPERIENCE

Associate Data Engineer — *Genese Solution*

February 2023 - Present

https://www.genesesolution.com/

Currently working on data engineering projects with modern cloud based technologies such as aws glue , amazon athena etc

AI Fellow — *Fusemachines*

March 2022 - Present

https://fusemachines.com/

A scholarship educational program with key AI micro degrees of Machine Learning , Deep Learning , Computer Vision and Natural Language Processing. Offered by fusemachines a USA and Nepal based AI Service provider. Virtual self paced online learning with imposed deadlines.

Data Fellow — *Code For Nepal*

January 2023 - June 2023

https://codefornepal.org/

Learning various skill and career tracks from data camp to improve technical skills. Self paced online learning

Data Engineering Apprentice— *CodeRush*

November 2022 - February 2023

https://coderush.com.np/

Learning the fundamental tech skills for data engineering as well as soft skill sessions on a weekly basis. Online learning of technical skills with individual and group projects.

Software Development Intern — *LIS Nepal (Yomari)*

August 2022 - February 2023

https://yomari.com/

Worked on IOE major project Easy Read as well as learned the basics of ETL and data warehousing, along with advanced SQL using snowflake and python. Explored visualization tools like power BI and Tableau.

Data Analyst Intern — *eXtensoData*

June 2022 - July 2022

https://extensodata.com/

Extenso data is a company under the jurisdiction of F1-soft which houses companies such as esewa and phonepay that have revolutionized the fintech of Nepal. Learned ETL tools apache Airflow , visualization tool pentaho , python and MySQL with various other concepts and domain knowledge required for a data analyst.

Quality Assurance Tester for OpenIMIS

March 2022 - April 2022

https://www.openimis.org/

The major release of OpenIMIS with a new modular design. OpenIMIS is an open-source software for health financing. Testing involved automated testing that involved use cases and checks with comments.

EDUCATION

Pulchowk Engineering Campus, Pulchowk, Lalitpur, Nepal — *Bachelor in Computer Engineering*

November 2018 - Present

Predicted grade: First Division.

Key modules: Data Structures and Algorithms , Database , Object Oriented Programming , Software Engineering , Artificial Intelligence, DataBases, Enterprise Computing , Big Data

United Academy Secondary School, Kumaripati,Lalitpur, Nepal — *High School Degree*

June 2016 - May 2018

Field: Science (GPA - 3.57)

SKILLS

Data Analysis and warehouse

Logical Problem Solving

Presentation skills

Software Development

Hardware Support

PROGRAMMING LANGUAGES

C , C++, Python , SQL, Java, HTML,CSS and JS

LANGUAGES

Nepali(Native) , English (Fluent) , Hindi (Fluent), Japanese (Beginner)

VOLUNTEERING

LEO club of Kathmandu Miracle
 —*General Member*

Sept 2020 - July 2022

Key skills learned: Working in an organization hierarchy , self supervised working towards a common goal, leadership and public speaking skills.

LEO club of Kathmandu Buddhigandaki
— *IT Head*
June 2022 - Present

Required to handle all the IT related work with the IT team. Organize and implement programs.

IEEE Pulchowk Student branch
— *IEEE membership number: 989599677*
September 2022 - Present

PROJECTS

Easy Read
 (https://github.com/0000Blaze/EasyRead ance). A OCR and TTS solution for the visually disabled. The technology involves a mobile application to capture image send to server for OCR and TTS processing adn then mobile application which gives the audio feedback. Used : python , React Native , Java

Smart Attendance
(https://github.com/0000Blaze/Smart-Attend ance). A digitalized approach to the traditional attendance system with features of face recognition and server support. Scraped for data of students and their images, worked on the UI and server side of the application. Used : python, SQL , HTML/CSS.

Mero Ledger (https://github.com/0000Blaze/MeroLedger). Mero legder is a personal finance managing online application which tracks and recommends financial decisions to user. Worked in the backend with MERN stack (MongoDB , Express and NodeJS)

Higher Education Application Database
(https://github.com/ravip5921/HEAD). HEAD manages a database for all the students of I.O.E applying abroad for higher education (Master's Level and above) through a simple and light-weight web interface. There are 3 uses categories in HEAD System namely Administrator , Teacher and Student. Worked on HTML/CSS and PHP.

Sunrise HR Solution webpage
(https://sunrise-hr-solution.com.np/). Contract project that involved digitalizing the engire company. Made webpage as well as business email and designed logos.

Imperial Court Society webpage
(https://imperial-court-society.com.np/). Contract project that involved digitalizing the company. Made webpage as well as business emai and some hardware support.

ACHIEVEMENTS

'Dream Act Achieve Event'
(https://www.studentaffairsnepal.com/).Organized by Student Affairs, Kathmandu , Nepal (15 Jan , 2018) . An event for realizing one's dreams and planning for future studies and success

'Hack A Week'
(https://locus.pcampus.edu.np/) .Organized by locus 2020 (26 Jan,2020). Week long hackathon that involves inception and creation of a working product of proposed ideas .

'Quantum Hack'
(https://nxtgennepal.org/). Nepal's first digital hackathon (28-29 Aug 2020) organized by Nxt Gen. A hackathon with a team of four to make a working product of a proposed idea.

'3rd NAAMII winter school in AI'
(https://www.naamii.org.np/). A 10 day (20- 30 Dec 2021) comprehensive school in AI involved AI experts and enthusiasts for all education levels (Ph.D , Masters and Bachelors) exploring various improvements and latest papers in Artificial Intelligence.

'AeHIN Hour'
(https://www.asiaehealthinformationnetwork.org/). Presenter for 'OpenIMIS status and implementation in Nepal' (8 March 2022). Asia eHealth Information Network is a collaboration of digital health advocates created by the World Health Organization in 2011 to help Asian countries with digital health development. AeHIN is a nonprofit organization incorporated in Hong Kong and maintains a secretariat team in Manila, Bangkok, and Kuala Lumpur.

'Datathon OpenIMIS - DRG Thailand Winner'
(https://card.ioe.edu.np/openimis-drg-datathon/). Winner in the datathon organized by AeHIN , IOE , SIL-TH ,OpenIMIS and CARD. The datathon lasted 72 hours (June 3 - 5, 2022)and involved the mapping of the successful DRG thailand data model with the OpenIMIS data model.

Yomari Coding competition Winner'

(https://yomari.com//). Placed first in he inter staff yomari coding competition held on November 13 , 2022. The competition was python based competitive programming.

Locus 2023 Yomari Coding competition Organizer

(https://locus.pcampus.edu.np/). Organizer in the competiotion jointly coordinated by locus 2023 and LIS Nepal. The competition was python based competitive programming