

NAYAN SUBEDI

Kathmandu, Nepal

Summary

Aspiring blockchain enthusiast and data scientist pursuing a BSc (Hons) in Computer and Data Science at Birmingham City University. Passionate about integrating blockchain technology and data science to solve real-world challenges, I have hands-on experience with Hyperledger Fabric, Solidity, and smart contract development. My skills extend to Python, R, and data analysis libraries like NumPy and Pandas. Participation in Kaggle competitions has refined my problem-solving and machine learning capabilities. Committed to leveraging blockchain for innovation and continuous learning.

EDUCATION

Sunway College Kathmandu

BSc (Hons) Computer and Data Science

Kathmandu, Nepal

Language Proficiency

- English (Fluent)
- Nepali (Native)
- German (Basic)

COURSEWORK

- Data Structures & Algorithms
- Data Science and Visualisation
- OOPS Concept
- Linear Algebra

SKILLS

Languages: Python, Java, JavaScript, SQL, R, Go, Rust, Solidity

Data Science & Machine Learning: Python, scikit-learn, Seaborn, Numpy, Pandas, R, Plotly, shiny

Soft Skills: Communication, Multilingual, Teamwork, Fast Learning

PROJECTS

Stellar dapps | Rust, Soroban

- Developed smart contracts on the Stellar platform, enabling seamless integration and automation of transactions.
- Implemented Create, Read, and Update (CRU) operations within the smart contract.
- Designed and deployed API endpoints to interact with the smart contract, ensuring efficient and user-friendly access to its functionalities..

Product Authenticity | Hyperledger Fabric, Golang, chaincode

- Developed a blockchain-based Product Authenticity solution using Hyperledger Fabric and Golang.
- Designed and implemented Chaincode to store and query product details such as SKU, name, description, price, and customizable attributes.
- Leveraged Hyperledger Fabric's secure, decentralized infrastructure to ensure data integrity and tamper-proof storage.

Data Science and Machine Learning | Python, scikit-learn, Numpy, Pandas, R, Plotly, shiny

- Analysis of English Premier League 1993-2023 (Python).
- Analysis of Airplane Crashes and Fatalities 1908-2023 (R).
- Developed a comprehensive report on World Economic Indicators utilizing R with shiny dashboard for advanced data visualization and LaTeX for professional documentation.
- Developed a Stroke Prediction model and deployed in streamlit.

Work Experience

Anvesh Technologies

Blockchain Intern

Kathmandu, Nepal

September 2024 – November 2024

- Worked on Hyperledger Fabric, Stellar, and Solidity for blockchain applications.
- Contributed to the development of solutions for product authenticity and contract management using Hyperledger Fabric.

Anvesh Technologies

Junior Blockchain Developer

Kathmandu, Nepal

November 2024 – March 2025

- Integrated blockchain using Polygon in the development of product authenticity.
- Implemented product authentication systems using Polygon blockchain to ensure transparency and traceability in supply chain and consumer goods.
- Designed and implemented EVM-based smart contracts for various decentralized applications (dApps).
- Developed Tron-based TRC20 Tokenization.

Certifications

- **Python** March 2023
Kaggle
- **Blockchain: Beyond the Basics** July 2023
LinkedIn Learning
- **Chainlink Cross-Chain Event - 77 Days of CCIP** October 2023
Chainlink Labs