

Shreyanshi Seth

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WORK EXPERIENCE

SpatioWorld

July 2024 – August 2024

Geographic Information System Intern.

- Developed a blockchain-based land registry system using Solidity and Ethereum, enhancing security and transparency in property transactions while reducing operational costs.
- Integrated GIS capabilities with ArcGIS and Leaflet.js to provide precise land parcel identification, improving the accuracy and efficiency of land mapping and management.
- Automated smart contract execution, reducing transaction time by 40% and ensuring transparent, secure property transactions.

PROJECTS

Data-Analyze-International-Debt-Statistics

September 2024 - November 2024

- Engineered a Python-based solution to extract and analyze 20 years of complex PPG bilateral debt data from the World Bank API for India and six neighboring countries.
- Conducted advanced data wrangling and crafted an Excel dashboard to visualize intricate lending trends, streamlining insights for stakeholders.
- Unearthed a 90x surge in lending, with Bhutan accounting for 40% of total debt, providing critical data for strategic decision-making.

Fake Product Detection with Blockchain

November 2022 – April 2023

- Designed a QR code system with smart contracts for quick counterfeit detection, improving speed and accuracy.
- Leveraged JavaScript, Java, Solidity, GitHub, Docker, Kubernetes, and Web3.js APIs for smart contract deployment.
- Built real-time analytics dashboards with MySQL/MongoDB, boosting data visibility by 30% .

Heart Attack Prediction Website using ML:

December 2023 - May 2024

- Devised a predictive model for heart attack risk using data analytics to provide early risk assessment with accuracy.
- Employed Python with Scikit-learn and TensorFlow for data preprocessing, feature selection, and model training, reaching a 75% accuracy.
- Created a real-time web interface with Flask, offering accessible and immediate predictions, making it more interactive and user-centric than traditional static tools.

EDUCATION

VIT Bhopal University (Sehore, MP)

June 2021 - July 2025

B.Tech in Computer Science and Engineering with CGPA: 8.34

- Clubs:** ☐ Core Member, Event Management, FinTech Club.
☐ Outreach Team Member, Dev Code Community (2022).

Sanskar public school (Gwalior)

2020 – 2021

12th (CBSE boards) with 85.4%

Carmel convent sr. sec school

2018-2019

10th (CBSE boards) with 71.4%

SKILLS AND CERTIFICATIONS

- **Skills:** Remote Sensing (GIS), Data Analytics, Python, react ,Excel, SQL, Java, Web3.js, UI/UX , PHP , Data Structures , Algorithms, Angular
- **Certifications:** ☐ BITS and BYTES of Computer Networks (Coursera)
☐ Foundations: Data Everywhere (Coursera)
☐ Cloud Computing (NPTEL)

ACHIEVEMENTS

- Aid as an Internshala Student Partner (2022 – Sep 2022) , spearheading marketing campaigns and interactive events that boosted campus engagement by 50% and program participation by 30%.
- As a contributor in GSSoc'24 (2024) , collaborated with a team on projects in statistics, focusing on data analysis, implementing statistical models, and optimizing algorithms to enhance performance and accuracy.
- Orchestrated a tech conference attended by over 500 participants, enhancing company visibility.