

Shreyanshi Seth

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PROFESSIONAL EXPERIENCE

SpatioWorld Technologies

Jul 2024 – Aug 2024

GIS Intern (Remote)

- Engineered a secure blockchain-based land registry system, managing 1,000+ property records with Solidity on Ethereum.
- Leveraged ArcGIS and Leaflet.js to improve geospatial accuracy by 60% ,enhancing mapping clarity and usability.
- Streamlined smart contract automation, reducing transaction time by 40% and ensuring robust data traceability across platforms.

PROJECTS

Data Analyze International Debt Statistics | *Python, Excel, APIs*

Sep 2024 – Nov 2024

- Retrieved and processed 20 years of debt record of South Asian nations using World Bank API.
- Built an interactive dashboard in Excel, enabling intuitive exploration of economic patterns and debt anomalies.
- Identified 90x spike in Bhutan's debt, accounting for 40% of regional totals.

Fake Product Detection with Blockchain | *Solidity, Java, Web3.js, Docker*

Nov 2022 – Apr 2023

- Architected a QR-code-integrated blockchain system for product authenticity verification, supporting 500 daily scans.
- Deployed on a containerized architecture using Docker and Kubernetes, ensuring high availability and scalability.
- Increased fraud detection rate by 30% using real-time analytics dashboard.

Heart Attack Prediction Website using ML | *Python, Flask, Scikit-learn, TensorFlow*

Dec 2023 – May 2024

- Developed and Trained a machine learning model with 75% accuracy, analyzing over 1,000 patient health records.
- Streamlined data pipeline using Python libraries for cleaning and transformation.
- Architected a Flask web app for real-time risk prediction with a response time under 2 seconds, boosting user engagement.

EDUCATION

VIT Bhopal University

Jun 2021 – Jul 2025

B.Tech in Computer Science and Engineering (CGPA: 8.34)

Bhopal, India

TECHNICAL SKILLS

Programming: Python, SQL, Java, HTML

Databases: MySQL, MongoDB

Tools: React.js, Github, Tableau, Power BI, Excel, GPT

ML: Scikit-learn, TensorFlow, Pandas, NumPy

Soft Skills: Communication, Problem-Solving, Collaboration, Data analysis

CERTIFICATIONS

BITS and BYTES of Computer Networks – Coursera

Foundations: Data, Data Everywhere – Coursera

Cloud Computing – NPTEL

ACHIEVEMENTS

GSSoc'24 Contributor – Improved statistical models in open-source research projects.

Internshala Student Partner – Led outreach campaigns increasing event turnout by 50% from 100+ students.