

# Shreyanshi Seth

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## PROFESSIONAL EXPERIENCE

### SpatioWorld Technologies

Jul 2024 – Aug 2024

*GIS Intern (Remote)*

**GitHub:** Land Registry with Ethereum and GIS

- Engineered a secure **blockchain-based land registry** system, managing **1,000+ property records** using **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 improving data traceability.

## PROJECTS

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

Sep 2024 – Nov 2024

- Retrieved and processed **20 years of debt records** for South Asian nations using **World Bank API**.
- Built an **interactive Excel dashboard** to visualize economic trends and anomalies.
- Identified a **90x spike in Bhutan's debt**, contributing **40%** of the region's total.

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

Nov 2022 – Apr 2023

- Architected a **QR-code-integrated blockchain system** for product authentication, supporting **500 daily scans**.
- Deployed on a **Docker and Kubernetes** stack for high availability and scalability.
- Boosted **fraud detection** by **30%** using a real-time analytics dashboard.

### Heart Attack Prediction | *Python, Flask, Scikit-learn, TensorFlow*

Dec 2023 – May 2024

- Developed an ML model with **75% accuracy** using **1,000+ patient health records**.
- Implemented a data pipeline using **Pandas, NumPy, and Scikit-learn** for preprocessing and transformation.
- Created a **Flask web app** for real-time prediction with **12s response time**, improving accessibility.

## EDUCATION

### VIT Bhopal University

Jun 2021 – Jul 2025

*B.Tech in Computer Science and Engineering (CGPA: 8.43)*

*Bhopal, India*

## TECHNICAL SKILLS

**Programming:** Python, SQL, Java, HTML

**Databases:** MySQL, MongoDB

**Tools:** ArcGIS, Leaflet.js, 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** – Enhanced **ML models** in open-source repositories for statistical accuracy.

**Internshala Student Partner** – Executed campaigns that increased event turnout by **50%** among **100+ students**.