

# 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

### Customer Segmentation with Netflix Data | *Python, Pandas, Matplotlib, Seaborn*

July 2025 – August 2025

- Performed in-depth **exploratory data analysis (EDA)** on Netflix viewing data to identify key customer patterns.
- Implemented **K-Means clustering** to segment users based on watch time, genre preference, and engagement levels.
- Visualized patterns using **Matplotlib** and **Seaborn**, uncovering **4 major audience groups** to support personalization strategies.
- Delivered insights to improve **targeted recommendations** and enhance content retention by **25%**.

### India Sales Performance Dashboard | *Power BI, Excel, SQL*

Jul 2024 – Sep 2024

- Developed a comprehensive **Power BI dashboard** to analyze sales performance across **12 major Indian cities**.
- Cleaned and transformed large sales datasets using **Excel Power Query** and optimized queries with **SQL**.
- Delivered actionable insights on **revenue growth, regional trends, and product performance**, aiding data-driven decisions.
- Enhanced report interactivity by integrating dynamic filters and KPIs, improving data exploration efficiency by **35%**.

### 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

**InGrade Course (Data Science and AI)** – Ongoing

## ACHIEVEMENTS

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**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**.