

Saurav Mishra

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SUMMARY

Computer Science student with a focus on Artificial Intelligence and Machine Learning. Practical experience as a Network Engineer Intern and a solid foundation in core computer science concepts. Enthusiastic about solving real-world problems through technology and continuous learning.

EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science and Engineering, CGPA: 7.28

Chennai, Tamil Nadu

Sep 2021 – May 2025

Sarvodaya Senior Secondary School

CBSE Class 12 (PCM), 79.6%

Kota, Rajasthan

2021

Delhi Public School

CBSE Class 10, 90.8%

Gondia, Maharashtra

2019

EXPERIENCE

Network Engineer Intern

Adani Group

Nov 2023 – Dec 2023

Godda, Jharkhand

Secured internal private network from external threats by monitoring infrastructure and mitigating vulnerabilities.

Assisted in configuring and troubleshooting routers and switches using standard protocols.

Collaborated with IT teams to enhance secure connectivity and enforce network security policies.

PROJECTS

PCOS Detection System

AI for Healthcare

Nov 2024 – Jan 2025

Python, NumPy, Pandas, Scikit-learn, TensorFlow

Built a binary classifier to predict PCOS using health data.

Implemented a two-layer neural network from scratch including forward/backward propagation and gradient descent.

Evaluated model using confusion matrix, classification report, and accuracy.

Language Text Processing and Word Embeddings

NLP + Word2Vec + Visualization

Dec 2023

Python, Gensim, t-SNE, Matplotlib

Processed Hindi-English corpus using regex and stopwords removal.

Trained Word2Vec model and visualized embeddings in 3D space to analyze semantic relationships.

TECHNICAL SKILLS

Languages: C++, Python, Java, SQL

Technologies: OOP, DBMS, Git, Google Cloud (Basics)

ML Tools: TensorFlow, Scikit-learn, NumPy, Pandas

LANGUAGES

English – Proficient

Hindi – Native