Naman Mishra

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Education

Vellore Institute of Technology Bhopal Sep. 2021 – May 2026
CSE Integrated Mtech(Spec.Computational and Data Science) *CGPA 7.2*

Christ Church Boys Senior Secondary School Jabalpur April 2020 – June 2021
Secondary *Percentage 66.9*

Christ Church Boys Senior Secondary School Jabalpur April 2018 – March 2019
Higher Secondary *percentage 69*

Internship

SIFY Oct 2024 – Nov 2024
Data Centre *Raipur, Chhattisgarh*

- Performed in-depth data analysis on large datasets, identifying key trends and patterns that enhanced strategic decision-making by 20 percent.
- Designed and developed interactive dashboards using Python, enabling real-time visualization of critical business metrics.
- Generated comprehensive reports with data-driven insights, allowing stakeholders to optimize processes, improve efficiency, and make informed decisions.

Chhattisgarh Infotech Promotion Society(CHiPS) Nov. 2024 – Dec. 2024
Data Analyst *Raipur, Chhattisgarh*

- Performed data analysis on various datasets, uncovering key trends that improved policy decision-making by 20 percent.
- Developed interactive dashboards and reports using Python, enabling real-time monitoring of public sector projects which were related to Government of Chhattisgarh.
- Implemented predictive analytics models, forecasting trends in citizen engagement and infrastructure development.

Projects

Healthcare Predictive Analytics Tool: | *Python, PostgreSQL, Docker* June 2022 – Aug. 2022

- Played a key role in a project that used data analysis to identify the three leading causes of customer churn, leading to targeted interventions and a 10 percent improvement in customer retention rate.
- Reduced false positives by 30 percent through feature selection and model optimization.
- Visualized GitHub data to show collaboration

Football Analysis | *Python,YOLO,OpenCV,Docker* April 2023 – May 2023

- Engineered a football analysis system using YOLOv8, detecting 22 players, referees, and ball movements with 80 percent precision in real-time.
- Automated event detection for 10+ key match actions, including goals, passes, and tackles, generating actionable insights for performance analysis.
- Optimized inference speed to process 60 FPS video streams, reducing latency by 20 percent, enabling seamless live match tracking.

Technical Skills

Languages: Java, Python, SQL, R
Tech Stack: NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, TensorFlow, PyTorch, OpenCV
Developer Tools: Git, Tableau, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Power BI

Extracurricular Activities

Oracle - Cloud Infrastructure Generative AI Certified Professional

Represented College Football team in College Fest Advitya

Ranked in the top 5 percent of 7,000 builders in Hacker House Goa.

Coursera - Applied Machine Learning with Python