NAMAN MISHRA

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EDUCATION

- **Integrated Masters of Technology in Computer Science and Engineering**   (2021-2026)
  Specialisation in Computational and Data Science
  Cumulative GPA – 7.40, VIT Bhopal University, Bhopal, 466116, M.P
- **XIIth**, Percentage – 66.9 , Christ Church Boys Senior Secondary School, Jabalpur, MP   (2020-2021)
- **Xth**, Percentage – 69 , Christ Church Boys Senior Secondary School, Jabalpur, MP   (2018-2019)

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

WORK EXPERIENCE

Chattisgarh Infotech Promotion Society   (Nov 2024- Dec 2024)
Data Analyst   Raipur, Chattisgarh

- Analyzed public records and infrastructure data to uncover insights that supported a 20% enhancement in policy assessment processes.
- Created visualization tools and summary reports in Python, aiding in live monitoring of 25+ state-run digital initiatives.
- Deployed forecasting models to anticipate shifts in citizen service usage, achieving 85% accuracy in predicting infrastructure needs for the next fiscal quarter.

SIFY   (Oct 2024- Nov 2024)
Data Centre   Raipur, Chattisgarh

- Investigated diverse datasets from multiple sources, revealing critical trends and patterns that led to a 20% boost in policy decision-making effectiveness.
- Engineered dashboards using Python and Plotly, facilitating real-time tracking of over 15 key performance indicators (KPIs).
- Compiled detailed analytical reports that supported stakeholders in reducing operational inefficiencies by 18% and refining process workflows.

PROJECTS

Football Analysis System   (Apr 2023 – May 2023)

- Developed a real-time sports tracking solution using YOLOv8 to identify 22 players, referees, and ball movements with 80% detection accuracy.
- Automated recognition of over 10 distinct match events—such as goals, passes, and tackles—providing valuable insights for game analysis.
- Accelerated inference throughput to handle 60 FPS video input, achieving a 20% reduction in processing lag and ensuring smooth live match monitoring.

HealthCare Predictive Analytical Tool   (Jun 2024 – Aug 2024)

- Contributed to a predictive analytics project that pinpointed the top three drivers of customer churn, enabling targeted strategies and resulting in a 10% boost in retention.
- Minimized false-positive rates by 30% through careful feature engineering and model fine-tuning.
- Illustrated collaboration patterns by analyzing and presenting GitHub activity data through custom visualizations.

CERTIFICATIONS

- Generative AI (Oracle)   (Jul 2024)
- Applied Machine Learning in Python (Coursera)   (Jan 2023)

ACHIEVEMENTS

- Ranked in the top 5% of 7,000 builders in Hacker House Goa, highlighting innovation and technical skills, and advanced to the final round competing with top developers.
- Represented the college football team at *Advitya*, the annual college fest, demonstrating teamwork, athletic excellence, and competitive spirit.