

# Naumaan Saifi

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## SUMMARY

Skilled in Python, C++, SQL, HTML, CSS, PyTorch, TensorFlow, YOLOv11, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Jupyter, Tableau, Power BI, Deep Learning (CNNs, Object Detection, Prompt Engineering, Fine-tuning, Embeddings, OOP, DBMS, SDLC, Research Methodology, Analytical Thinking, Communication, and Management. Eager to contribute to slice's AI Pod by leveraging technical skills and innovative solutions.

## EXPERIENCE

*AICTE IDEA Lab – GGSIPU, **AI Research Intern***

*Jun 2025 - Aug 2025*

- Developed an AI-powered dental detection system, achieving 90% accuracy, by leveraging TensorFlow and Keras for model building and SQL and Pandas for data processing.
- Enhanced diagnostic performance through feature engineering, exploratory data analysis (EDA), and visualization techniques.
- Collaborated on a system detecting 30+ dental conditions, improving diagnostic capabilities and workflow efficiency.

*SkillCraft Technology, **Machine Learning Intern***

*Jul 2025 - Aug 2025*

- Applied supervised and unsupervised learning to real-world datasets, enhancing model accuracy.
- Built and fine-tuned ML models in Python (scikit-learn, PyTorch) with preprocessing, training, and validation workflows, improving prediction accuracy.
- Gained experience in end-to-end ML workflows, including deployment and integration, reducing system runtime by 45%.

## EDUCATION

*University School of Information, Communication and Technology*

*Bachelor of Technology – Computer Science Engineering • Aug 2023 - Present*

## LICENSES & CERTIFICATIONS

**Meta Data Analytics Specialization**

*Coursera • Issued Jul 2025*

**Machine Learning Specialization**

*Udemy • Issued Aug 2025*

**Data Analytics Virtual Internship**

*Forage – Deloitte Australia • Issued Jul 2025*

**Data Visualization Virtual Internship**

*Forage – TATA • Issued Jul 2025*

## SKILLS

Python • SQL • PyTorch • TensorFlow • Scikit-learn • Pandas • numpy • Exploratory Data Analysis • Data Analysis • Machine Learning