Abhipsa Srivastava

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Education

United Institute of Technology Nov'22 – Present
Bachelor of Technology in Computer Science (AI & ML) *CGPA 9.04*

Maharshi Patanjali Vidya Mandir Apr'21 - June'22
Intermediate *Percentage 91.4%*

Experience

Artificial Intelligence Intern July 2025 – Dec 2025
BabyDino,ZenithIndia *Remote*

- Developed forecasting models using LSTM to predict market trends with 87% accuracy, improving decision-making efficiency
- Automated the whole system, with success of 30%.

Winter Intern Dec 2024 – Jan 2025
Indian Institute of Information Technology, Allahabad | With Prof.(Dr.) O.P Vyas *Prayagraj, U.P.*

- Modeled and analyzed 5G Network Slicing techniques during the internship, focusing on 5G architecture, Quality of Service (QoS) parameters, and Resource Allocation strategies.
- Analyzed key Quality of Service (QoS) parameters and network Key Performance Indicators (KPIs) to drive intelligent, data-driven decisions for slice assignment and traffic management.

Report Writer June 2024 – June 2025
WikiClub Tech-UIT *Prayagraj, U.P.*

- Collaborated with team members to refine documentation and maintain knowledge-sharing formats.
- I was tasked to create and structure technical and non-technical reports, which contributed by improving the documentation efficiency by 60%.

ML Tech Lead Oct 2024 – Sept 2025
GDG-OC UIT Campus *Prayagraj, U.P.*

- Speaker and mentored college students on ML tools, frameworks, and best practices.
- Organized and led the technical team in planning and executing machine learning projects and workshops like Build with AI.

Projects

DeepSlice | *Python,Tensorflow*| **GITHUB** Dec 2024

- Worked on "DeepSlice", a deep learning neural network model for 5G network slicing optimization, achieving 85% accuracy in predicting optimal network slice allocation for unknown device types and enabling automated load balancing across eMBB, URLLC, and mMTC network slices

Smart City Dashboard | *Python,Tensorflow,React,Chakra UI*| **GITHUB** Oct 2024

- Smarty City Dashboard, was built to bridge gap between data and decision making, leveraging AI capabilities along with user friendly UI, provided a curated way for stakeholder to take decision.
- It used time-series models like LSTM to get prediction for future emissions or close to future emissions, utilizing open sourced datasets.

Technical Skills

Languages & Frameworks: C/C++, SQL, Python, HTML/CSS, Flask, Django
Machine Learning & AI: NumPy, Pandas, Matplotlib, Pytorch, TensorFlow, Keras, Scikit-Learn, Hugging Face, Transformers
Tools,Platforms & Cloud Solutions: Git, Google Cloud Platform, VS Code, Excel, Power BI, Streamlit

Achievements & Certifications

- Google AI Essential: **Certificate**(*July'25*)
- Selected among the Top **22** teams across India at the **BuzzOnEarth Hackathon** organized by **IITK X BuzzOnEarth India** (*Nov'24*)
- Industry Training Experience: **Certificate** (*Aug'24 - Sep'24*)
- Delivered a **workshop** on **Git**, **GitHub**, and **Open Source** to **80+** students (*May'24*)
- ML Bootcamp by Tensorflow User Group: **Certificate**(*Mar'24-Apr'24*)