

ARASTU THAKUR

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OBJECTIVE

Passionate AI enthusiast and problem-solver with a knack for turning data into impactful insights. From crafting intelligent models for emotion recognition to building autonomous systems, I thrive on creating cutting-edge solutions in Machine Learning, Deep Learning, and Artificial Intelligence. With hands-on experience and a strong research mindset, I'm ready to innovate and contribute to the future of AI and data-driven technologies.

EDUCATION

Bachelor of Technology in Computer Science, Jain Deemed-to-be University
Cumulative GPA: 9.5/10

09/2021 - Present

TECHNICAL SKILLS

Programming Languages	Python, Java, C++, R, C
Data Analysis and Manipulation Tools	Pandas, Numpy, Seaborn, Tableau, Power BI, Excel
Machine Learning	TensorFlow, Sci-Kit Learn, PyTorch
DevOps Technologies	Docker, Kubernetes, Jenkins
Cloud Platforms	AWS, Azure, Google Cloud
Development Tools	Git, VS Code, Jupyter Notebooks, Anaconda
Soft Skills	Leadership, Strategic Communication, Emotional Intelligence

PROFESSIONAL EXPERIENCE

Graduate Technical Intern Intel	Jul 2024 - Present <i>Bengaluru, India</i>
• Lead the development and deployment of AI models, significantly enhancing product delivery capabilities.	
Technical Content Writer Mindsprite	Jul 2023 - Jun 2024 <i>Bengaluru, India</i>
• Authored impactful technical content that amplified readership and engagement across multiple platforms.	
Data Science Intern KNP JAPAN PVT. LTD.	Jun 2023 - Aug 2023 <i>Bengaluru, India</i>
• Developed a sophisticated sales forecasting model that elevated business planning and strategic decision-making.	

PROJECTS

50 Days 50 Data Analysis Project : Utilized PowerBI, Tableau, and Excel for advanced data visualization.
Facial Emotion Recognition : Developed using Python, TensorFlow, Keras, and OpenCV to detect emotion.
Advanced Multi-Agent Bot : Built with LangChain, Gemini, and Flask for multi-agent interactions and reasoning.
RL Driving Simulator : Implemented with PyTorch and OpenAI Gym for autonomous driving decisions.

CERTIFICATIONS

• Advanced Machine Learning Operations, Duke University View Certificate .
• Generative AI Engineering with LLMs, IBM View Certificate .
• DevOps: Complete Course, Packt View Certificate .

EXTRA-CURRICULAR ACTIVITIES

• Microsoft Student Ambassador, actively involved in promoting technology literacy. View Certificate .
• Research Experience of 3+ Years resulting several publications. View Publications .