

NIPUN NAIR

Dedicated AI Engineer and Researcher with a robust foundation in machine learning and data science. Expertise includes developing scalable API frameworks and fine-tuning Large Language Models (LLMs) to achieve high-performance benchmarks. Proven track record of delivering innovative technical solutions across the automotive, finance, and linguistic AI sectors. Currently advancing research in Generative AI and Conversational Systems to drive the next generation of intelligent automation.

Monash University	Jan 2025 - Jan 2027
	<i>Melbourne</i>
Currently doing research under Dr Teresa Wang on Generative AI in Conversational Recommendation Systems.	
BTECH IN COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE	Oct 2020 - Jun 2024
<i>Amrita Vishwa Vidhyapeetham</i>	<i>Bengaluru</i>
Graduated with distinction and a CGPA of 8.5	

EMPLOYMENT HISTORY

INDUSTRY INTERN	Jan 2024 - Dec 2024
<i>Stellantis</i>	<i>Bengaluru</i>
◆ Developed a Service and Test Application Macchina API framework for ICAN, ISPAAK and IDM Persistence App Framework	
◆ Demonstrated Cybersecurity concepts of Discrete Access Control, Mandatory Access control, User and Group Permissions, SystemD and POSIX capabilities in a presentation to higher management.	
◆ Assisted in the development of automotive prototypes, contributing to timely project milestones and enhancing product innovation.	
INDUSTRY INTERN	Jul 2023 - Oct 2023
<i>OdiaGenAI</i>	<i>Remote</i>
◆ Train LLAMA2 on Odia data, achieve ROUGE 0.65, BLEU 0.61, enhance team collaboration.	
◆ Evaluate Hindi models, create datasets, support team synergy, achieve measurable results.	
◆ Collaborate on Odia language project, achieve high scores, foster positive work environment.	
RESEARCH INTERN	Jun 2022 - Aug 2022
<i>UC Santa Cruz, California</i>	<i>Santa Cruz, California</i>
◆ Analyzed global bank data using Python, enhancing data accessibility for research projects.	
◆ Extracted stock data from EDGAR, improving data accuracy for the Global Capital Allocation Project.	
◆ Mentored Ph.D. students in Python debugging, fostering collaborative learning and skill development.	

SKILLS

Machine Learning, Artificial Intelligence, Data Science, Generative AI, Python, Deep Learning,

COURSES

GEN AI PINNACLE PROGRAM	Nov 2023 - Jun 2025
<i>Analytics Vidhya</i>	
GOOGLE CLOUD SKILLS	Jun 2023
<i>Google</i>	
AWS CERTIFICATION BADGE	May 2023 - Jun 2023
<i>Amazon</i>	

DSA FOR JAVA
Apna College

Jun 2023 - Dec 2023

MACHINE LEARNING FOR SOIL AND CROP MANAGEMENT IIT KHARAGPUR
NPTEL
IIT Kharagpur

Jan 2022 - Apr 2022

TAKE CHARGE OF YOUR TIME
Ankur Warikoo

Jul 2022

ICON OF AMRITA PRESTIGIOUS, ANNUAL AWARD AMONGST FRESHMEN
Amrita Vishwa Vidyapeetham

Oct 2020

LINKS

Google Scholar: scholar.google.com, LinkedIn: [www.linkedin.com](https://www.linkedin.com/in/nipunbnair), My Website: nipunbnair.github.io,
My Youtube Channel: www.youtube.com.