

NISHANTH S

Student ~ 3rd year, B.tech-AIE
Amrita School of engineering
Amrita Vishwa Vidyapeetham

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SUMMARY

Myself, Nishanth.S, passionate and dedicated 3rd-year B.Tech student specializing in Artificial Intelligence at Amrita Vishwa Vidyapeetham. Equipped with strong skills in programming and problem-solving, I am eager to contribute to impactful projects in the field of AI, Data science and continuously grow in a dynamic professional environment.

SKILLS

Languages: Python, Java, SQL, HTML, CSS, JavaScript, PHP, C++, C, Matlab, Latex.

Technologies: SciPy, MySQL, GitHub, Tkinter, Matplotlib, Docker, Django, Node.js, Figma, Java swing.

EDUCATION

2022 - 2026	B.Tech in Computer Science and Engineering (Artificial Intelligence) Amrita School of AI, Amrita Vishwa Vidyapeetham, Coimbatore	CGPA: 8.94
2017 - 2022	High School Diploma Maharishi Vidya Mandir, Chennai	AISSE: 93.8% , AISSCE: 94%

PROJECTS

Academia	Recommendation system using SVT and BPR Python -> Built a recommendation system in python using movies dataset available in kaggle -> used SVT and BPR methods for matrix completion and dimension reduction	github.com
	Python-Music-player Python -> Implemented a Python GUI for playing music stored locally -> Used linked-lists for storing songs in different playlist as a part of demonstration for DSA project	github.com
	Coral - educational chatbot Python -> Developed a Python Chatbot which uses Cohere api and learns from pdfs given to it and answers questions given as prompt -> This was done with both memory and without memory which allowed to demonstrate how bots store information in a chat	github.com
	Cycle-management-system Java -> Designed and implemented a bicycle-sharing demo application using Java, resulting in improved campus mobility; integrated real-time tracking features. -> It was done by a team of 4 constituting many modules for controlling different aspects like tracking the cycles being used and getting parked at the designated parking spots within the campus etc.	github.com
Miscellaneous	Fine Tune BERT for Text Classification with TensorFlow Python	coursera.org
	Medchain: Federated learning based health care system Python	ongoing

CERTIFICATIONS

July / 2024	Oracle Cloud Infrastructure 2024 Generative AI Professional (1Z0-1127-24)	Oracle/drive
Apr / 2024	Google Data Analytics Professional Certificate	Coursera.org
Feb / 2024	Cisco CCNA 200-301- The Complete Guide to Getting Certified	Udemy.com
July / 2023	HTML, CSS, and Javascript for Web Developers	Coursera.org
July / 2023	Introduction to Generative AI	Coursera.org

WORKSHOPS

Inter-college	Harnessing NLP and ML techniques for social media data analysis explicitly for Indian Languages" Google drive	
Intra-college	Blockchain technology and its applications	Google drive

ACHEIVEMENTS

Miscellaneous	Leetcode -> I have successfully tackled 75+ problems on LeetCode with 10% of them being of hard difficulty, employing a diverse range of concepts and techniques	leetcode.com
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