

Ashvani Patel

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SKILLS

Programming Languages: Java, C++, C, Python, R, SQL
Frameworks : HTML, CSS, NumPy, Pandas
Data Science & Visualization Tools: Tableau, Power BI, R Studio, MySQL, VS Code
Machine Learning & Cloud: Supervised & Unsupervised Learning, AWS
Soft Skills: Quick Learner, Strong Analytical & Leadership Skills

INTERNSHIP

BOARD INFINITY - DATA STRUCTURES AND ALGORITHMS CERTIFICATION COURSE	JUNE 2024 -JULY 2024
SUMMER TRAINING INTERN	
<ul style="list-style-type: none">Completed a summer training internship on Data Structures and Algorithms in collaboration with Lovely Professional University and Board Infinity.Covered key concepts such as linked lists, trees, graphs, and dynamic programming.Developed a Library Management System as a capstone project, implementing object-oriented programming principles.Tech: Java · Data Structures and Algorithms , Object-Oriented Programming	

PROJECTS

Binary Tree Visualization:	JUNE 2024 - JULY 2024
<ul style="list-style-type: none">Designed an interactive tool for visualizing and manipulating binary trees.Implemented insertion, deletion, and traversal operations (inorder, preorder, postorder).Developed a user-friendly GUI for dynamic tree operations.Tech: Java, Swing, Data Structures & Algorithms (DSA)	
Coding Practice Websites:	AUG 2022 -DEC 2022
<ul style="list-style-type: none">Created a web platform for solving coding problems across multiple languages.Integrated an online compiler for real-time code execution and debugging.Enhanced user experience with an intuitive and responsive UI.Tech: HTML, CSS, JavaScript	

CERTIFICATES

Data Structures and Algorithms Board Infinity <ul style="list-style-type: none">Covered fundamental and advanced DSA concepts, including trees, graphs, and dynamic programming.	OCT 2022 - DEC 2022
R Programming <ul style="list-style-type: none">Focused on statistical computing, data visualization, and machine learning.	SEP 2024 - NOV 2024
Data Structures using C and C++ Udemy <ul style="list-style-type: none">Explored algorithm design, memory management, and performance optimization.	NOV 2024 - JAN 2025

ACHIEVEMENTS

Data Science Lead Google Developer Student Club <ul style="list-style-type: none">Led and managed Data Science & Machine Learning Bootcamps for 150+ students, providing training in Python, R, and SQL in a collaborative learning environment	
Social Work Lead NSS <ul style="list-style-type: none">Organized outreach programs and awareness campaigns, leveraging data-driven strategies to address social issues and maximize impact.	
Hackathon – INFINEON TECHNOLOGIES INDIA PVT LTD <ul style="list-style-type: none">Optimized and automated Excel data cleaning, preprocessing, and validation using Python, improving efficiency, accuracy, and reporting.	

EDUCATION

Lovely Professional University B.Tech in Computer Science & Engineering CGPA: 7.63	Punjab, India Since August 2022
Maa K.D.R.R Inter College Intermediate 80.8%	Prayagraj, India April 2019 – March 2021
Maa K.D.R.R Inter College Matriculation 83.5%	Prayagraj, India April 2017 – March 2019