ADITYA PANDEY

linkedin.com/in/adityazspandey/ | P: +91 8756677592 | adipandey861@gmail.com | leetcode.com/u/adipandey861/

SKILL SUMMARY

Technical Skills	: C , C++ ,Python , Java , SQL , JavaScript, CSS, HTML
Tools	: SQL Workbench , Excel ,Git , Github , Tableau , Mathematics
Framework	: RMarkdown , MongoDB
Relevant Coursework	: Database Management System, Software Engineering; Operating Systems; Algorithms;

WORK EXPERIENCE

AI TRAINER   Remote
Outlier AI   October 2024 - December 2024
● Trained AI models across various domains, including programming, analytics, and related fields.
● Responsible for evaluating responses from other reviewers and AI engines.
● Responsible for debugging and enhancing responses generated by AI engines.

PROJECTS

SMART DICTIONARY SYSTEM | C++, TRIE & BINARY SEARCH TREE   December 2024
● Engineered an interactive command-line dictionary using Trie for real-time word suggestions and BST for synonym lookups.
● Implemented a custom Dictionary class, achieving faster data retrieval compared to a linear search method.
● Revolutionized Binary Search Tree operations, reducing average lookup, insertion, and deletion times to O(log n)

CAREER COUNSELING PORTAL | JAVA , GEMINI API   June 2024
● Designed a Career Counseling Portal using Java and RESTful APIs during Smart India Hackathon 2024, serving 500+ users during the event.
● Optimized prompts and user context based on selections, improving accuracy by 25%.
● Thoroughly tested and documented the system, achieving 95% uptime during live usage.

WORKING WOMEN AD INSIGHTS | R, R_MARKDOWN, EXCEL, TABLEAU   September 2024
● Curated and preprocessed social media ad performance data to analyze targeting patterns for working women demographics.
● Applied clustering and classification models to extract actionable insights, increasing ad ROI prediction accuracy by 87%.
● Visualized segmentation patterns and keyword impact using Tableau dashboards to guide gender-aware marketing strategies.

ACTIVITIES

SMART INDIA HACKATHON | PARTICIPANT   September 2024 - October 2024
● Optimized the user interface and debugged critical application issues, enhancing system usability by 25%
● Led data collection and preprocessing, contributing to the development of an interactive dashboard with graphs and charts that increased user engagement by 40%

TECHNICAL LEAD | TEAM 7 LPU   September 2023 - Present
● Managed data collection and form submissions for 20+ events, including hackathons, by developing online interactive forms
● Spearheaded event operations, coaching 25+ juniors on Git, GitHub, and relevant technological tools

CERTIFICATIONS

● Competitive Coding (Programming Pathshala) Data   June 2024
● Structures and Algorithms in Java(Cipher School) R   January 2024
● Programming (Coursera) Hardware and operating System   April 2023
● Essential IBM (Coursera)   October 2022

EDUCATION

LOVELY PROFESSIONAL UNIVERSITY   Phagwara, Punjab
Bachelor of Technology Major in Computer Science | Expected July 2026
Cumulative GPA: 8.45/10

ARMY PUBLIC SCHOOL   Prayagraj, Uttar Pradesh
Senior Secondry Education| 2021-2022
Grade: A