ADITI KULKARNI

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in LinkedIn | Portfolio

INTRODUCTION

A proactive final-year undergraduate with strong foundations in Data Structures, Database Management, CS Fundamentals and Web Development. Aspiring to contribute to innovative projects, using my technical expertise and passion to build efficient digital solutions to drive industrial innovation and automation.

EDUCATION

- **Pune Institute of Computer Technology**
  BE in Electronics and Telecommunications   2022 - 2026
  ◦ CGPA: 8.99

- **Babasaheb Utangale Jr College of Science**
  Higher Secondary Certificate   2020-2022
  ◦ Grade: 87.5

- **Swami Vivekanand Rashtriya Dnyanpeeth**
  Secondary School Certificate   2020
  ◦ Grade: 97.2

PROJECTS

- **FeelBuddy - The Emotional Support ChatBot**
  Techstack: HTML, CSS, React.js, Spring Boot, MySQL, Generative AI
  ◦ Developed an emotional support chatbot that detects user mood and provides personalized, 24/7 emotional guidance.
  ◦ Blends soothing music, mini-games, and counselor video suggestions with hypothetical, relatable stories that focus on helping users cope with their specific emotional situations.
  ◦ Effectively distracts from negative moods and offers voice-enabled, friendly conversations that feel like genuine support from a trusted buddy.

- **ElevateMe - Learning and Career Growth Assistant**
  Techstack: React.js, Node.js, Express.js, MySQL, Python
  ◦ Developed a dual-dashboard web platform to enhance student learning and professional growth.
  ◦ Learning Portal: Delivered interactive, adaptive courses with real-time progress tracking and AI-based tutoring for personalized guidance.
  ◦ Profile Tools Dashboard: Integrated modules for research paper analysis, ATS-compliant resume optimization, and GitHub repository insights to support career readiness.

TECHNICAL SKILLS

- ∗ **Languages:** C++, Core Java, SQL, Python Fundamentals, HTML, CSS
- ∗ **Frameworks:** ReactJS, Node JS, Express JS
- ∗ **Database:** MySQL
- ∗ **Coursework:** Data Structures and Algorithms, Object Oriented Programming, Database Management System, Operating Systems, Computer Networks
- ∗ **Tools:** Visual Studio Code, Git, GitHub, Figma, Canva

ACHIEVEMENTS

◦ Published research paper titled "Comparative Analysis of Machine Learning Approaches for Symptom-Based Syndrome Analysis using Support Vector Classifier" at **AIR 2025**, Nazarbayev University, Kazakhstan.

◦ Finalist in **Amdocs Hackathon 2025** focused on Generative AI; developed an Emotional Support AI Chatbot demonstrating advanced GenAI integration and user-centric design.

◦ Finalist at **GeekVishwa 2025**, a hackathon conducted by VIIT

EXTRA CURRICULARS AND CERTIFICATIONS

Tata Group Data Analytics Job Simulation on Forage - September 2025
◦ Completed a job simulation involving AI-powered data analytics and strategy development for the Financial Services team at Tata iQ.
◦ Conducted exploratory data analysis (EDA) using GenAI tools to assess data quality, identify risk indicators, and structure insights for predictive modeling.
◦ Proposed and justified an initial no-code predictive modeling framework to assess customer delinquency risk, leveraging GenAI for structured model logic and evaluation criteria.
◦ Designed an AI-driven collections strategy leveraging agentic AI and automation, incorporating ethical AI principles, regulatory compliance, and scalable implementation frameworks.