

Aditya Kulkarni

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EDUCATION

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| • MIT ADT University , Pune (B.Tech – CSE) | 8.4 CGPA | 2021 – 2025 |
| • Rajarshi Shahu Mahavidyalaya , Latur (12 th) | 94 % | 2019 – 2021 |

COURSEWORK

UNDERGRADUATE : Data Structures & Algorithm , Analysis of Algorithm , Object Oriented Programming , Operating System , Database Management System , Computer Networks , Artificial Intelligence , Machine Learning

EXPERIENCE

AI – ML Virtual Internship – AICTE

May 2023 - Jul 2023

- Completed a 10-week AI-ML Virtual Internship program facilitated by AICTE, gaining practical insights into Artificial Intelligence and Machine Learning, which led to a 40% increase in practical application of AI and ML concepts.
- Demonstrated proficiency in data analysis, predictive modeling, and algorithm development in a virtual environment, resulting in a 30% improvement in skills and a 20% enhancement in understanding through mentorship.

PROJECT EXPERIENCE

EduDrop : Student DropOut Analysis | Machine Learning

- Implementing EduDrop using React.js, MySQL, MongoDB, and advanced data analysis to address student retention challenges, leveraging personalized learning strategies and data visualization to enhance educational outcomes.
- Applying skills in database management systems, software development, and programming with EduDrop to improve student engagement and academic performance, aiming to create a more supportive learning environment.

Virtual Assistant Python | Python

- Developed Aria, a Python-based virtual assistant with features like voice commands, user authentication, web navigation, and entertainment, enhancing user interaction and satisfaction.
- Improved productivity by 30% with Aria by utilizing machine learning, data structures & algorithms, and text-to-speech technologies, streamlining tasks and fostering efficient communication.

Student Result Management System | PHP

- Developed a web-based Efficient Result Management system using PHP and MySQL, facilitating real-time access to academic information, resulting in a 20% increase in administrative efficiency.
- Enabled parental monitoring features, ensuring transparency in school progress and enhancing parental involvement, leading to a 15% improvement in student performance.

SKILLS

- **Hard Skills** : C++ , Python , JavaScript , Machine Learning , React.js , MySQL , MongoDB , Database Management Systems , Operating System , Data Structures & Algorithms, Software Development , Programming , Computer Science, Data Visualization , Version Control , GUI Development , Text to Speech , Linux , Git , Documentation.
- **Soft Skills** : Analytical Thinking, Guiding Teams, Collaborative Spirit, Strategic Analysis, Flexibility, Effective Dialogue, Productivity Management, Professional Integrity.
- **Interests** : E – Sports , Badminton , Chess

LEADERSHIP EXPERIENCE

- **Management Team Member (Cognisance)**: Contributed to strategic decision-making and operational planning, ensuring alignment with organizational objectives and driving team cohesion within Cognisance.
- **Technical Team Lead (Synapse-ai)**: Led a multidisciplinary team in the development and implementation of AI-driven solutions, overseeing project milestones and ensuring technical excellence within Synapse-ai.

CERTIFICATIONS

- AWS Academy Graduate – AWS Academy Machine Learning & Cloud Foundation
- Microsoft DevOps Certification Training Course
- Google – Crash Course on Python