

CHALLA ADITYA KOUNDINYA

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Professional Experience

- **Project Manager** - SRM University Feb 2024 - May 2024
 - Designed and developed the Project application portal by integrating user-centered design principles, Feedback, and Data analytics, resulting in a 40% reduction in application processing time for the University.
 - Implemented key features and optimized process flow, resulting in an improved efficiency for both students and professors.
- **Analytics Intern** - TIAR Jun 2022 - Aug 2022
 - Monitored and analyzed KPI metrics for the mobile app, achieving a trial conversion rate of 26% and a retention rate of 64%.
 - Provided key insights for improving user engagement and overall app performance.

Technical Skills

- **Programming Languages:** Python, SQL, JavaScript
- **Software Development:** React.js, Node.js, MongoDB, PostgreSQL, Flask
- **Analytics:** TensorFlow, Hadoop, Apache Spark
- **Tools:** GPT4, FireBase, Git, Colab, LLM's

Projects

- **Project Application portal (Webapp)** — MERN stack, React, Firebase
 - Designed and deployed a fully responsive website following user design principles, designed and maintained the database requirements
 - To be used by more than 1600 students every year to apply for academic/research Projects under Professors
- **Higher education Prospectus prediction Algorithm.** — Python, Scikit-learn, Pandas, Power BI
 - Developed an ML algorithm predicting admission chances into 100+ universities, enhancing decision-making accuracy for students.
 - Compared various Classification Algorithms (Random Forest, Decision Tree, SVM) to predict college prospectus with 82% accuracy
- **Stock Price Prediction algorithm using ARIMA Time-series Forecasting** — Python, Power BI
 - Predicted closing prices of stocks using ARIMA Forecasting taking stationarity and seasonality into consideration with Mean squared error 74.479

Education

- **SRM University, Andhra Pradesh** Sep 2020 - Jul 2024

Bachelor of Technology in Computer Science and Engineering
CGPA: 9.17/10.0
Relevant Coursework: Big Data Management, Data science, Machine learning, Data Structures and Algorithms, Database Management, Object-Oriented Design
- **IIT Madras** Sep 2020 - Jul 2024

Diploma in Data Science and Programming
CGPA: 8.3/10.0
Relevant Coursework: Backend Development, Data analysis, Machine Learning

Leadership / Extracurricular

- Led a group of 56 students for 1.5 years, fostering collaboration and boosting student engagement with new tech by 30%.
- Headed the Music Club of the University, managed 3 national level fests, won in 6 music competitions across different universities
- Received a 50% Merit Scholarship from SRM University AP to pursue B.Tech in Computer Science & Engineering.
- Part of Next Tech Lab, a QS awarded student-run community, where I won in 2 hackathons during undergrad.