

# CHALLA ADITYA KOUNDINYA

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## Professional Experience

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- **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

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- Python, Java, SQL
- TensorFlow, Hadoop, Hive, PowerBI
- PostgreSQL, MongoDB, Firebase

## Certifications

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- IBM Data Science Professional
- Amazon MLSS 2022

## Projects

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

## Education

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

B.Tech CSE (specialization: Big Data Analytics) *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 / Achievements

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- Won a \$1000 at HackerHouseGOA hackathon AI track, won 2 hackathons at QS awarded Next Tech Lab.
- 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 and led 170 students in club activities.
- Received a 50% Merit Scholarship from SRM University AP to pursue B.Tech in Computer Science & Engineering.