

# Bade Nithin Sai Kumar Reddy

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## EDUCATION

<b>SASTRA DEEMED UNIVERSITY Tamil Nadu, India</b> Electronics and Instrumentation Engineering	Jul 2019 - Jun 2023 GPA: 7.4/10.0
<b>Narayana JUNIOR COLLEGE, Nellore</b> Intermediate M.P.C	Jul 2017 - Jun 2019 Marks: 9.75/10.0
<b>Narayana SCHOOL, Badvel</b> Class X	Jul 2016 - Jun 2017 GPA: 9.3/10.0

## EXPERIENCE

<b>Incedo Technology Solutions Pvt Ltd</b> Data Engineer	January 2024 - Present Chennai, India
<ul style="list-style-type: none"><li>Developed ETL mappings, workflows, and task flows using Informatica to facilitate efficient data integration and transformation.</li><li>Created comprehensive test cases for ETL mappings using SQL, ensuring data accuracy and integrity.</li><li>Documented ETL processes and maintained technical documentation for future reference.</li></ul>	
<b>MPM Infosoft</b> Data Science Undergraduate Intern	February 2023 - May 2023 Chennai, India
<ul style="list-style-type: none"><li>Worked on Prediction of Sand Rejection in Green Sand Foundries.</li><li>Performed data pre-processing, Exploratory Data Analysis, and Feature Engineering to enhance model accuracy.</li><li>Created visualizations using Tableau to analyze pre-processed data.</li></ul>	

## PROJECTS

<b>Advanced House Price Prediction</b> Personal Project	July 2023 - August 2023
<ul style="list-style-type: none"><li>Housing data was cleaned and preprocessed by addressing missing values, scaling characteristics, and creating new variables such as proximity to amenities and location-based pricing trends.</li><li>Evaluated various regression models (Random Forest, Gradient Boosting, and Linear Regression) using cross-validation and hyperparameter adjustment to increase accuracy.</li><li>Metrics like RMSE and R2 were used to evaluate the model's performance, while feature importance analysis and housing market trends were used to visualize important findings.</li></ul>	
<b>Image and Audio Steganography using LSB Technique</b> Prof. Amritharajan, SASTRA University	March 2022 - June 2022
<ul style="list-style-type: none"><li>Developed a web interface using java to embed secret data in an image and audio files and decode the data.</li><li>Created a mail server to transfer the embed files.</li></ul>	

## ACHIEVEMENTS

- Finalist in an International Hackathon related to ML where 350+ teams.

## TECHNICAL SKILLS

<b>Programming languages:</b> Python, Spark, C	<b>Data Visualization Tools:</b> Tableau
<b>Libraries:</b> Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn	<b>Database:</b> MySQL, Snowflake, PostgreSQL, AWS
<b>Cloud:</b> AWS	

## EXTRA CURRICULAR

- Club Member, Robotics Club @ SASTRA**  
Contributed to the completion of multiple IoT and Robotics projects as an active club member.  
Organized 2 workshops and several events to promote robotics and IoT skills among peers.

## CERTIFICATIONS

- AWS Cloud Practitioner Certificate | AWS Training and Certification November 2023
- Generative AI Fundamentals | Data Bricks December 2023
- Introduction to Natural language processing | Great Learning September 2023
- Machine Learning with MATLAB | MathWorks November 2022