

S Barath

Chennai, Tamil Nadu, India

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EDUCATION

- B.Tech Artificial Intelligence and Data Science** Chennai, Tamil Nadu
Chennai Institute of Technology; CGPA: 8.9 Nov 2021 – 2025





PROGRAMMING SKILLS

- Languages:** Python, Java, Solidity, JavaScript, MySQL
- Data Science:** Artificial Intelligence, Machine Learning, Deep Learning, Data Cleaning, Data Visualization
- Data Science Libraries:** NumPy, Pandas, Matplotlib, Seaborn
- Data Visualization:** PowerBI, Tableau
- Others:** Blockchain/Ethereum smartcontract, Blender (3D modeling), AR/VR, DSA

INTERNSHIP EXPERIENCE

- App Developer and Data Analyst Intern** Chennai, Tamil Nadu
Deloitte Jun 2023 - Aug 2023
 - Created an End to End e-commerce Shopping Application.
 - Used Java and XML and Google Firebase Data Base.
 - Analyzed Real-time Customer Data For Profit and Stock Analysis Using Data Analytics.
- Placement360 Intern** Chennai, Tamil Nadu
Placement360 May 2023 - Dec 2023
 - Worked in two domains: data analytics and project management.

PROJECTS

- Black Friday Sales Analysis**  /Black-Friday-Sales-Analysis Dec 2023
Matplotlib, Keras, Pandas, NumPy
 - Utilized Matplotlib to create visualizations highlighting Black Friday sales trends and key performance indicators.
 - Implemented Keras to build and train machine learning models for predicting Black Friday sales trends, enhancing the accuracy of sales prediction. Implemented Keras for machine learning models, Pandas for data manipulation, and Numpy for numerical operations, optimizing accuracy and efficiency in predicting Black Friday sales trends.
- Gender and Age Detection**  /Gender-age-detection-by-face-detectionface Oct 2023
OpenCV
 - Gender and age detector that can approximately guess the gender and age of the person (face) in a picture or through webcam.
 - Detection model using OpenCV and Python using Face Detection and Deep Learning concepts.
- Heart Disease Prediction**  /Heart-Disease-Prediction Aug 2023
Pandas, Matplotlib, Scikit-learn
 - Trained machine learning model using scikit-learn to predict heart disease based on various parameters.
 - Utilised various supervised classification algorithms and evaluated their accuracies.
- Employee Performance Analysis**  /EMPLOYEE-Performance-Analysis Sep 2023
Matplotlib, Seaborn
 - Prediction model for the performance rating of employees using exploratory data analysis and data pre-modelling.
 - Plots Used: Lineplot, CountPlot, Barplot.

CERTIFICATIONS

- Data Analytics:** Foundations: Data, Data, Everywhere (Google), Ask Questions to Make Data-Driven Decisions (Google), Google Data Analytics Capstone: Complete a Case Study (Google), Data Analytics for Lean Six Sigma (University of Amsterdam), Databases and SQL for Data Science with Python (IBM)
- Artificial Intelligence:** Elements of AI (University of Helsinki)
- Others:** What is the Metaverse? (META)

ACHIEVEMENTS

- IEEE CHAIRMAN**, Chennai Institute of Technology
- Placement360 Student Ambassador**, Chennai Institute of Technology
- Brain-o-Brain Abacus:** 3 times gold medalist, 4 times silver medalist
- Certificates in technical events:** Hackathon, Spell BEE, Amazon Kindle, Olympiad, much more.
- Event Organiser**, Lead of college culturals and symposium