



## EDUCATION

Degree/Examination	Institute/Board	Year Of Completion	CGPA/%
BS, Data Science and Programming	Indian Institute of Technology, Madras	2025	8.61
XII	St. Michael's High School, Patna	2021	92%
X	St. Michael's High School, Patna	2019	95%

## SKILLS

- **Programming Languages:** Java, Python, JavaScript, SQL, ReactJS, NodeJS, VueJS, R
- **Web Development Skills:** HTML, CSS, Flask
- **Softwares:** Matlab, CommandLine, MS-Office, Git
- **Others:** Machine Learning, Artificial Intelligence, Data Analytics, Data Science, Statistical Modelling

## RELEVANT COURSES

- Machine Learning Foundations, Techniques and Practices
- Application Development
- System Commands
- Data Structure and Algorithms in Python
- Programming in Java
- Research for Marketing Decision(IITM Campus)\*
- Web3 and Blockchain Fundamentals (Coursera)
- Google Data Analytics Professional(Coursera)
- Corporate Finance\*
- Software Engineering\*
- Industry 4.0\*
- AI : Search Methods for Problem Solving
- Deep Learning
- Data Mining (NPTEL)
- Advanced Statistics and Mathematics
- Business Data Management
- Business Analytics
- Tools in Data Science
- Distributed Trust (IITM Campus)\*
- Software Testing ...

\*-Undergoing courses

## TRAININGS

- **Data Analytics, Google**
  - Key analytical skills (data cleaning, analysis, & visualization)
  - Tools (spreadsheets, SQL, R programming, Tableau)
- **Data Analysis And Visualisation, Accenture**
  - Data Cleaning & Modeling :Modeling data to create valuable insights.
  - Data Visualization & Storytelling : Bring your data to life and uncover insights for the business.
  - Presentation to the Client
- **Data Science Job Simulation, British Airways**
  - Completed task given by British Airways by scraping, cleaning, preprocessing and Analyzing data and finally inferring from the given data

## PROJECTS

- **Personal Portfolio Website ([here](#))**
  - A minimalist portfolio website built with React, featuring dark mode, blog functionality, and smooth animations.
  - Custom cursor implementation
  - Dynamic navigation system
  - Responsive design
- **Machine Learning Model to Predict Crime Categories ([here](#))**
  - Predicted Crime Categories based on other attributes and information
  - Different ML techniques like Regression,PCA,SVM and Decision Trees used.

- **PlayIT - Web Music Streaming Application ([here](#))**
  - Developed a VueJS-based web application for a Music Streaming Service (Play IT). Implemented Redis for caching, Redis and Celery for batch jobs (Scheduled Emails and Google Space messages via Webhook) and Flask for API.
- **BasketIT - Web Grocery Store App ([here](#))**
  - Developed a Flask-based web application for a grocery store (BasketIT). Implemented CRUD functionalities for products and sections, a cart system for user purchases, and APIs to fetch sections and products data for display.
- **Business Data Management Project ([here](#))**
  - We provide actionable steps to enhance inventory management and demand forecasting at Bharat Kirana, a grocery store in Patna positioning the store for sustained success in the future.
- **British Airways Job Simulation ([here](#))**
  - Scraping and Analysis of British Airways Reviews
  - To analyze and cluster customer reviews to identify key themes and sentiments.
- **Optimized my Personal Website for SEO ([here](#))**
  - Developed a comprehensive portfolio website using Wix, implementing SEO strategies that led to a 300% increase in organic traffic within six months and improved search engine rankings for targeted keywords.
  - [ayannayyer.wixsite.com/boondocks/blog](http://ayannayyer.wixsite.com/boondocks/blog) is an example.
- **Google Data Analytics Case Study ([here](#))**
  - Through data cleaning, exploratory analysis, and the art of visual storytelling, This case study demonstrates the power of data analytics in driving business decisions. In the end, it culminates in three strategic recommendations, poised to reshape Cyclistic's marketing landscape.

## POSITIONS OF RESPONSIBILITY

- Member of Student Placement Council, IIT Madras BS Degree
- Conducted a full fledged event in Paradox, Annual college fest which was attended by over 1000 audience members.

## ADDITIONAL INFORMATION

- International rank of 61 in the International English Olympiad conducted by SOF India.
- Subject Wise English topper of CBSE Board in the academic year 2019.