



### EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2021	M.TECH Dual Degree 5Y	IIT Kharagpur	7.34 / 10
2016	Andhra Pradesh Intermediate Board	BIIT JUNIOR COLLEGE	96.7%
2014	Board of Secondary Education	BHASHYAM HIGH SCHOOL	9.2 / 10

### SKILLS AND EXPERTISE

- Programming Language - C , C++ , Python, JavaScript.
- Frameworks- HTML, Cascading Style Sheets (CSS), React js, Nodejs, Express, Git.
- Data Analysis- Data Visualization, Big data.

### PROJECTS

#### Food Ordering Application

(Jan' - Apr' 20)

- Developed a Full Stack Web-based Food Ordering application with functionalities like login, user signup, order/search restaurants & dashboards for owners/buyers.
- Designed and Developed Backend with NODE.JS, EXPRESS.JS server along with SQL database.
- Developed a Frontend User Interface(UI) using HTML, CSS, REACT.JS, BOOTSTRAP.

#### Credit Card Fraud Detection Project

(Mar' - Apr' 20)

- Developed machine learning-based solutions to classify a transaction into a Fraudulent or genuine class from the data set derived from IEEE competition
  - Leveraged various Supervised and Unsupervised Machine Learning models like Random Forest, Naive Bayes classifier, SVM and K-means to find the best-fit model and optimum solution
  - Analyzed various Evaluation metrics like Accuracy, Precision, Sensitivity, Specificity & Mathews correlation coefficient.
- Identified Random Forest as the best model with 95% Accuracy and 87% Area under Roc curve

#### Pig Game Application

(Nov' - Dec' 19)

- Developed a simple casino-style game (pig game) in JAVASCRIPT by generating a Random number and manipulating the DOM and using Call Back, Anonymous Functions, Event Handler, Ternary operator and applying the DRY(Don't repeat yourself ) principle.
- Developed the whole project in HTML, CSS, JAVASCRIPT using Add, Remove, Toggle HTMLclasses and State variables.

### TRAINING

#### Algorithms for Text Analytics

Completed a Short Term Course on **Algorithms for Text Analytics** in Python organised by CEP, IIT Kharagpur

#### The Complete JavaScript Course

Completed a Online Udemy Course on Javascript by Instructor Jonas Schmedtmann.

### COURSEWORK INFORMATION

Programming and Data Structures | Probability & Statistics | Machine Learning Foundations and Applications | Basic Electronics | Quantitative Decision Making | Simulation Of Mining Systems | Mine Surveying | Elements of Rock Mechanics

### POSITIONS OF RESPONSIBILITY

\* Core Team Member for organizing **STW** (Software training Workshop) for First years of 15 colleges (including 2 IITs and 5 NITs) in May-June 2018.

\* Publicity head of **Inspiro Cultural Fest** Conducted by the VOICE (Vedic Oasis for Inspiration, Culture & Education) in Kolkata Ratha Yatra 2019 having Participation of more than 20 schools & colleges.

### AWARDS AND ACHIEVEMENTS

\* Secured All India 47th rank in **South Indian Mathematical Olympiad (SIMO)** 2010

\* Secured State 6th position in **Mathematics Olympiad (APAMT)**

\* Secured State 9th Rank in **Kennedy maths Olympiad**

### EXTRA CURRICULAR ACTIVITIES

\* Delivered seminars on Time Management and positive thinking to first-year students of IIT Kharagpur.

\* Organizing debates & Group discussions between students of different IIT's & NIT's

\* Volunteer in NSS (Garbage collection, educating villagers, planting trees, creating awareness in villagers).