ALAMANDA GANESH

B.Tech – Production Engineering
E-mail : alamandaganesh2001@gmail.com
Contact : +91 7036179389
Linkedin : www.linkedin.com/in/ganesh-alamanda-505282194
GitHub : https://github.com/alamandaganesh2001

Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2018-2022	B.Tech- PE	NIT, Agartala	8.02
2016-2018	Class XII	Sri Chaitanya Junior College,Steel Plant,Visakhapatnam,Andhra Pradesh Board of Intermediate Education.	98.1%
2015-2016	Class X	ABS Public School, E-Marripalem, Board of Secondary Education,Andhra Pradesh.	9.7

Academic Achievements

- Received **Merit Scholarship** from **Foundation For Excellence** in Graduation.
- Secured **3rd prize** for Water Management System in a competition that was held in our school .
- Secured among **top 1%** in **Mathematics Olympiad Foundation** in the School level organized by Silver Zone Foundation in 2016 .

Internship Experience

- **Data Analyst Intern at Give:**   *Oct 2023 - Feb 2024*
  Conduct exploratory data analysis, identifying trends, patterns, and anomalies, and providing recommendations for process optimization, resulting in a 15% efficiency gain.
  Analyze and interpret complex data sets using statistical techniques and advanced analytics software, responding to actionable insights that contributed to a 15% increase in business efficiency.
  Develop dynamic dashboards with diverse visualization tools, enhancing accessibility for both technical and non-technical stakeholders, leading to a 25% improvement in user engagement.

  Skills: SQL, Data Visualization, Python (Programming Language), CANVAS, MEI, MS Excel

- **Data Science Intern at Bharat Intern:**   *Aug 2023 - Sep 2023*

  The training involved Hands-on experience on Python and Machine Learning models which includes all kinds of Linear Regression, Logistic Regression, Clustering, Association Rule learning, Reinforcement learning**.** Developing a Machine learning model using regression to predict the prices of houses.

- **Data Science Internship at The Sparks Foundation**:   *Oct 2022 - Nov 2022*

  Titanic Survival Prediction using Decision tree Regression:

  The training involved Hands-on experience on Python and Machine Learning models which includes modules like **Matplotlib**, **numpy** and developed a classification model using decision tree algorithm which predicts whether a person survives the titanic shipwreck and achieved 87% prediction accuracy.

Technical Skills and Certifications

- Programming Languages   : C, Python, OOPs, HTML, CSS, Java, SQL, PowerBI
- Other Software   : Microsoft Word, Pandas, MatplotLib, Excel, Jupyter
- Courses & Certifications   : PowerApps (Udemy)
                                       SQL - Complete Beginner to Master (IIHT)
                                       PowerBI course
                                       Essentials of Python Programming (LetsUpgrade)

Positions of Responsibility

- **Founder and Team leader, MultiTasking Machine:**   *Aug 2019 -Nov 2019*
  Worked as a Team Leader in making the MultiTasking machine. Represented our machine in Carpediem, a Techno-management festival of NIT Agartala. As a part of the Inventory team the work specifically involved in designing and coordination of the team members.

- **Team member of VolleyBall Team, NIT Agartala :**   *Jan 2018 - May 2022*

  A defence player in the volleyball team which is a part of the sports team in NITA.

Projects

Projects:

- **HR Analytics PowerBI Dashboard:**   *Sep 2024 - Oct 2024*
  Conduct exploratory data analysis, identifying trends, patterns and developing a dashboard with the objective to find an insight on the attrition of a company using various factors and enables HR leaders to make data-backed decisions regarding recruitment, employee development, retention strategies, and workforce planning.

- **Practical Case Study with Linear Regression:**

  In this Super Data Science case study course, I learned how to predict the scores of students based on their studying hours by applying a linear regression model on a real-world dataset and predict whether a student is topper or average based on his academic score.

Social Activities:

- A volunteer to help in collecting money for people of Kerala during floods 2018.
- I volunteered to plant the trees with my school friends by the road for 2km.

Sport Activities:

- Secured first spot in **GPL'23-** the marathon at **Give Premier League** organized by Give.
- Secured Second place in Volleyball Men in **Sportsfest'22-** the inter year sports fest organized by NIT Agartala.