


# DAMMALA BHANU DURGESH

Analytically driven professional with ability in translating complex business problems into data-driven solutions. My academic journey has equipped me with a solid foundation in programming languages, algorithms, and a passion for leveraging technology to drive innovation and solve real-world challenges.

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 [HackerRank](#)

 [GitHub](#)

 [LeetCode](#)

## EDUCATION:

- 1) **Pragati Engineering College-** Surampalem, India  
Degree: **BTECH CSE (DATA SCIENCE)**  
Duration: 2022 - 2026  
Current CGPA: **9.21/10**
- 2) **Sri Chaitanya Junior College-**  
Kakinada, India  
Degree: **Intermediate (M.P.C)**  
Duration: 2020 - 2022  
Marks Scored: **843/1000**
- 3) **Sri Chaitanya Techno School-** Pithapuram, India  
Degree: **S.S.C (10<sup>th</sup> Class)**  
Duration: 2019 - 2020  
CGPA: **9.5/10**

## PROJECTS:

- 1) **AUTOMATED ANSWER SHEET EVALUATION AND RANKING SYSTEM:**  
Developed an advanced system that leverages Optical Character Recognition (OCR) technology to evaluate and rank student answer sheets. This innovative tool is designed to streamline the grading process, ensuring accuracy, efficiency, and fairness in educational assessments.
- 2) **SHOPPING TRENDS AND ANALYSIS-USING EDA (SHOPOLOGY-DECODING CUSTOMER SHOPPING TRENDS):**  
Conducted an Exploratory Data Analysis (EDA) on shopping trends to identify key patterns and consumer behaviors. Analyzed various factors like purchase frequency, product preferences, and seasonal trends using data visualization techniques.
- 3) **SPAM EMAIL DETECTION USING MACHINE LEARNING:**  
Implemented a machine learning model to classify emails as spam or non-spam using Natural Language Processing (NLP) techniques. Preprocessed the dataset by removing stop words, tokenization text, and applying TF-IDF vectorization for feature extraction. Trained and evaluated models like Naïve Bayes and Logistic Regression, achieving high accuracy in spam detection.
- 4) **FOOD ORDERING SYSTEM IN JAVA:**  
Developed a Java-based interactive food ordering system that ensures secure access through a password verification process. Implemented a menu selection feature allowing users to order food and drinks with input validation for correct choices. Integrated password confirmation at multiple stages to enhance security before finalizing and confirming the order.

## VIRTUAL INTERSHIPS:

- 1) **Domain: AIML**  
**From:** AICTE VIRTUAL INTERNSHIP FROM GOOGLE FOR DEVELOPERS  
Duration: **07/2024 to 09/2024**
- 2) **Domain: DATA ANALYTICS**  
**From:** AICTE VIRTUAL INTERNSHIP FROM ALTERYX SPARKED  
Duration: **04/2024 to 06/2024**
- 3) **Domain: DATA SCIENCE**  
**From:** TEACHNOOK INTERNSHIP FROM CORATIA TECHNOLOGIES  
Duration: **09/2023 to 10/2023**
- 4) **Domain: Robotic Process Automation (RPA)**  
**From:** AICTE VIRTUAL INTERNSHIP FROM UIPATH  
Duration: **05/2023 to 07/2023**

## SKILLS:

**Programming skills:** Python, JAVA, C, SQL.

### Technical skills:

Database Management Systems, Data Science, Data Structures and Algorithms, Machine Learning, Data Analysis, Operating Systems, Big Data Analytics, Digital Logic Design.

### Tools:

TABLEAU, POWER BI, EXCEL, MONGO DB, POSTMAN API, JUPYTER.

## ACHIEVEMENTS:

- 1) **Salesforce** AI Associate Certificate
- 2) **Oracle Cloud Infrastructure** Certified AI Foundations Associate
- 3) **Teachnook** Certificate of Course Completion on Data Science
- 4) **NPTEL Certified:** Python for Data Science, Data Mining, Data Structures and Algorithms using Python
- 5) **Wadhvani Foundation** Certification of Completion on 21st Century Employability Skills Program – Advanced
- 6) **HackerRank** Certifications on Python, Java.
- 7) **HP LIFE Certified:** Agile Project Management, Presenting Data
- 8) **Postman** API Fundamentals Student Expert Certificate
- 9) **Udemy Certified:** Java for Beginners, Essential Canva Course for Graphics Design
- 10) **DELOITTE** Data Analytics Virtual Experience
- 11) **Google Play Academy** Certification on Google Play Store Listing Requirements
- 12) **YouTube Music** Certificate

## STRENGTHS:

- ◆ ADAPTIVE PERSON
- ◆ LEADERSHIP
- ◆ COMMUNICATION
- ◆ FAST LEARNER

## EXTRA CURRICULAR ACTIVITIES:

- **NSS SQUAD** Department Co-Ordinator
- **Society For Data Science(S4DS)** Member
- **Pragati Press Club** Co-Ordinator
- **Merit Certified in (1-1, 2-2, 3-1) semesters**