



Meghal Neema

B.Tech in Computer Science & Engineering

Shri Ramdeobaba College of Engineering and Management

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EDUCATION

Year	Degree / Board	Institute	CGPA / Marks%
Present	B.Tech in Computer Science & Engineering	Ramdeobaba College of Engineering	8.20
2020	Maharashtra State Board of Secondary Education	St. George's School	80.40%
2018	CBSE	Dilasagram convent school	80.20%

SCHOLASTIC ACHIEVEMENTS

- Pursuing Minor Degree in Data Science(Honers):** completed 3 out of 5 courses from Computer Science Department
- Professional Certificates: AWS Fundamentals(AWS) and cloud computing (Microsoft),** consisting of 4 courses.
- Data Science & Advanced Analytics:** Received a badge for excelling in practical exercises from **Boston Consulting Group.**

PROJECTS

- Data Analysis Applications** | Trainity - Intern project : (Jan'23-Mar'23)
 - Conducted analysis on various projects, including **Instagram user engagement** resulting in a 15% increase in user interaction, **IMDB movie analytics** accuracy by 10% through advanced statistical analysis and data cleaning.
 - Utilized statistical analysis, data cleaning, **Excel, SQL**, and Python
- Java Applications** | Course project (July'22-Nov'22)
 - Developed a food ordering system using Java, OOP concepts incorporating concepts of **ArrayList, file handling, Mysql Database.**
 - Designed a **shopping terminal application** for e-commerce sites, utilizing **Java, design patterns** (Builder, Decorator, Template), inheritance, interfaces, & **user interface design.**
- Web Application** (oct '23)
 - Designed a **Flask-based PDF Q&A application powered by OpenAI's GPT-3.5**, featuring chat history preservation.
 - Applied html,css, javascript, Flask, Local storage , PDF Content Extraction, Vector Database.
- Natural Language Processing** | Major project (Jan'23-Oct'23)
 - Entity Recognition from Electronic Health Records and generation of Knowledge graph. achieved **87%** accuracy
 - Adopted NLP, text processing, BioBert, CRF, PyTorch, SeqVal & Flask for model creation.

INTERNSHIPS

- Machine Learning Application Intern** | Upskillz (Mar'22-May'22)
- Spam Email Detection:** Achieved **98%** accuracy with **Multinomial Naive Bayes**, enhancing email filtering.
- Breast Cancer Classification:** Accomplish a strong **96%** accuracy with Logistic Regression for early diagnoses.
- House Price Prediction:** Spearheaded model development, utilizing Linear Regression for accurate real estate price estimates. Achieved remarkable accuracy with a **35,000 RMSE.**

TECHNICAL SKILLS & HOBBIES

- Programming Languages & Frameworks:** **Java, Python, C, R | SQL, MYSQL | HTML, CSS |Spring| Flask**
- Softwares:** **VS Code | Anaconda Navigator | Tableau, MS Excel | MS-Office | Android Studio**
- Soft skills & hobbies:** Leadership , Teamwork, Problem solving | Baking , **Rubik's cube** , Singing , Dancing

COURSES DONE

- Core CS Courses:** DSA, **OS, DBMS, CN, TOC, CD, OOP, AI & ML, SE, HTML, CSS, Data Analytics,** Web Development ,Probability and Statistics.
- Additional Relevant Courses:** **Six sigma,** Project Management, Technical Writing, Communication Skills

POSITION OF RESPONSIBILITY

- Executive, CSI Committee, RCOEM:** Enriching **200+** Students by developing Culture of AI integration (Oct'22-Present)
End to End management of event Tech-heuristics, managing 1000+ students, Handling Tech events throughout year
- Served as **Campus Ambassador for Scolar** (Dec'22 - Jan'23)
- Volunteered in **Judgment Committee** of Smart India Hackathon (Dec'22)

EXTRA & CO CURRICULAR ACTIVITIES

- Cultural:** Dance, Hostel Group Dance (2022) | **Winners, 1st** in School Cult-event (2015), **2nd in** Group-Dance event (2018)
- Competed in Hero Campus Challenge Season 8, hosted by Hero MotoCorp Limited on Unstop Platform, among **300+** teams.(2022)
- Participated** in the Document Hunt Challenge at Event Aarhant.Document Hunt Challenge at Event Aarhant: Contributed to a **top 5** finish out of 50 teams.
- Nirmalya Collection Drive (2022): Assisted in collecting 500 kg of offerings for Rotary Club RCOEM's environmental efforts.
- Selected among **1000+** teams in the All India Women's Only **Hackathon** coordinated by Shooting Star Foundation in (2023).