

DASU RACHANA

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CAREER OBJECTIVE:

To pursue a challenging career and be a part of progressive organization, that gives a scope to enhance my knowledge and utilize my knowledge and utilize my skills towards the growth of the organization.

TECHNICAL SKILLS:

- Python, Java, Javascript
- HTML, CSS, Bootstrap
- SQL, Algorithms and Data Structures
- **TOOLS/IDE:** VS Code Editor

ACADEMIC PROFILE

Master of Science in Information Technology, IIIT-Hyderabad	2021-2023 CGPA: 9
M.Tech(E.P.S), BITS, Narsampet, JNTUH	2014-2016 CGPA: 8.2
B.Tech(EEE), BITS, Narsampet, JNTUH	2009-2013 CGPA: 8.2
Intermediate, Narayana junior college(Hyderabad)	2007-2009 CGPA: 9.5
S.S.C, Sri Aravinda Vidya Mandir, Mulug	2007 CGPA: 9.2

STRENGTHS:

- Good team player
- Self Confidence
- Smart work
- Optimistic & Ability to learn new technical skills

PROJECT DETAILS:

MSIT projects:

Title: Learner engagement system (LES) (On going)

- **Role:** Front-End Developer
- **Description:** A web application that aims to find registered students find an accountability partner to help them achieve their short-term goals
- **Technologies Used:** HTML, CSS, Bootstrap, JavaScript

Title: Protein Sequencing

- **Role:** Individual project
- **Description:** In this project data of DNA sequences for the gene p53 were analyzed for processing. That file is converted to RNA and then converted to a sequence of generated proteins. Finally, in the DNA data of two organisms to discover the similarities and differences. The end results are used for visualization.
- **Technologies Used:** Python

M.Tech Project:

- MRAC Architecture for Maximum Power Point Tracking (MPPT) in Photovoltaic System by using RCC Technique
- **Description:** In this project MPPT control algorithms are used to optimize the power output of the systems.
- **Role:** Developer
- **Technologies Used:** MATLAB

B.Tech Projects

- **Major project:** An Automatic Controlled based High-Efficiency Voltage Regulator for Rural Networks.
- **Description:** The purpose of this Project is to improve power quality in rural networks where investments and operational cost are limited.
- **Role:** Developer
- **Technologies Used:** MATLAB

DECLARATION:

I declare that the information furnished above is true to the best of my knowledge.

PLACE: Hyderabad

DATE : 24-06-2022

(D.RACHANA)

