VARSHITHA G.A

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PROFILE

A highly motivated and hard-working individual with strong problem-solving skills, adaptable and quick to think. Team-oriented, eager to collaborate and contribute to achieving collective goals in a dynamic environment.

EDUCATION

Dr. Ambedkar Institute of Technology **Nov 2021 – Jun 2025**
BE-Computer Science and Engineering - ***CGPA – 9*** *Bengaluru, Karnataka*

KLE Independent PU College **June 2019 – July 2021**
Intermediate in PCMB- ***Percentage-97.16 %*** *Bengaluru, Karnataka*

SKILLS

Programming Languages: Java ,Python ,C
Frontend: HTML,CSS,Javascript,React.js
Backend & Frameworks: Django REST
Database Management:SQL
Cloud & Tools: AWS, Postman, Power BI, Tableau,GitLab,GitHub
Core CS Concepts: Data Structures and Algorithms, Object-Oriented Programming
Soft Skills: Quick Learning , Problem Solving , Time Management , Excellent Communication

INTERNSHIP

Edubricz Technologies : Full Stack Developer **Jan 2025 – present**

- Developed full-stack web features using **Django REST Framework**, **React.js**, and **SQL**, integrating and testing **APIs** with **Postman**.
- Collaborated with clients to gather requirements and deployed scalable web solutions using **AWS.**

TechnoFly Solutions:AIML Intern **Oct 2023 – Nov 2023**

- Developed foundational skills in machine learning by working on real-world datasets using Python and relevant ML libraries like scikit-learn and pandas.
- Gained hands-on experience in building and evaluating basic ML models, improving problem-solving and coding abilities.

PROJECTS

NIRBHAYA:WOMAN'S SAFETY APPLICATION

- Developed a web-based application to enhance the safety of women, featuring emergency alerts, real-time location sharing, and SOS message functionality.
- Implemented the backend using Node.js and created an interactive frontend with ReactJS.
- Integrated Google Maps API for real-time location tracking.
- **Technologies Used**: Node.js, ReactJS, Google Maps API

LANGUAGE TRANSLATOR USING MACHINE LEARNING

- Built a language translation application leveraging machine learning models to translate text between multiple languages.
- Utilized natural language processing (NLP) techniques to improve translation accuracy.
- Implemented using Python and integrated machine learning models using TensorFlow and scikit-learn.
- **Technologies Used**: Python, TensorFlow, scikit-learn

LIBRARY MANAGEMENT SYSYEM

- Created a desktop application for managing a library's inventory, including book issuance, returns, and membership management.
- Developed the system using HTML, CSS, JavaScript for the frontend, and SQL for database management.
- **Technologies Used**: HTML, CSS, JavaScript, SQL