Pakala Adarsh

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Career Objective:

Full-Stack Developer with a **B. Tech in CSE**, skilled in **Python**, JavaScript, **HTML,** CSS, **React.js**, and **Django.** Experienced in building scalable web apps with **Oracle SQL** and delivering efficient, user-friendly solutions.

Summary:

- **B. Tech in CSE** from Jawaharlal Nehru Technological University, Kakinada passed in 2022 with 64.5%.
- Intermediate from Narayana Junior college, Hyderabad passed in 2018 with 79.7%.
- S.S.C from Board of Secondary Education, Telangana passed in 2016 with 80%.
- Undergone 5 months training on Python Full Stack with Real time Project from LiveTech, Hyderabad.

As part of Training, I underwent intensive Training on Full Stack Python as detailed below:

Frontend Development:

- Developed responsive and interactive web pages using **HTML5, CSS3**, and **ReactJS**.
- Utilized ReactJS components and state management to build dynamic user interfaces.
- Ensured cross-browser compatibility and optimized performance for web pages.
- Collaborated with design teams to implement UI/UX best practices using CSS Flexbox, Grid, and media queries.
- Integrated REST APIs with frontend interfaces to fetch and display data dynamically.

Backend Development:

- Designed and developed RESTful APIs using **Python** and the **Django web framework.**
- Implemented user authentication and authorization using Django's built-in authentication system.

- Managed data models and migrations using **Django ORM** and connected backend with Oracle SQL databases.
- Wrote SQL queries, views, and stored procedures in **Oracle SQL** for data retrieval and reporting.
- Ensured secure and efficient backend operations by following **MVT** architecture and modular coding practices.

Full-Stack Collaboration & Project Contribution:

- Participated in the complete **Software Development Life Cycle (SDLC)** including requirement analysis, development, testing, and deployment.
- Used version control tools like **Git** for source code management and collaboration.
- Engaged in code reviews, debugging, and performance tuning.
- Collaborated with cross-functional teams to deliver features and resolve bugs in a timely manner.
- Deployed web applications to local servers and assisted in initial staging deployments.

Internship:

Company Name: Igebra.Ai, Hyderabad, India **January 2024 to July 2024**

Project Title: Buddy Gpt **Client: Igebra.Ai**

Role: Star AI Intern

Project Description:

Buddy GPT is an AI-powered learning tool that uses **OpenAI's API** to deliver interactive assessments, track progress, and provide personalized study recommendations. It helps users identify strengths, improve weaknesses, and reach learning goals efficiently.

Roles And Responsibilities:

- Developing applications (**coding, programming**)
- Debugging and testing code, Documenting and testing new software applications.
- Researching, investigating and fixing a wide range of technical issues.

Environments:

Python, Django, OpenAI, Html, CSS, JavaScript, React.js, VS Code, Sqllite3, Windows family

Skills:

Language:	Core Python, Advanced Python
Frameworks:	Django
Database:	Oracle SQL, MySQL Database
Version control tool:	GIT
Repository:	GIT HUB
Other tools:	JIRA
Operating system:	Windows

Academic Projects:

Project Title: Detecting Depression Using Bayes Theorem Jul 2021 -- Jul 2022

Project Description:

This project detected depression through sentiment analysis using Bayes Theorem, supported by a RESTful API for easy integration. Pre-trained ML models and exploratory data analysis were used to identify key depressive patterns.

Roles and Responsibilities

- Developed a RESTful API for sentiment analysis on text data, facilitating seamless integration.

- Leveraged pre-trained machine learning models in **Jupyter Notebook** to perform sentiment analysis.

- Conducted exploratory data analysis to identify key patterns and trends in the data.

- Successfully deployed the API on a cloud platform to ensure accessibility and scalability.

Reference:

Provided upon request