B Vishnu Vardhan Reddy

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EDUCATION

Vardhaman College of Engineering   Hyderabad, TS, IN
Bachelor of Technology in Computer Science and Engineering; GPA: 8.4/10.0   *Class of 2024*

EXPERIENCE

Intern   Feb 2024 – Present
Salesforce   *Hyderabad, Telangana*
- Obtained the **Admin 201 Certification** and ranger status on the Trailhead platform.
- Executed precise debugging strategies to swiftly address technical issues within Salesforce products.

Open Source Contributor   Dec 2023 – Present
Sugar Labs   *Remote*
- Successfully **migrated 17** Sugarizer platform activities from WebL10n to i18next, enhancing internationalization and localization capabilities.
- Contributed **25 pull requests**, resolving bugs, adding features, and improving user experience within SugarLabs' open-source ecosystem.

PROJECTS

Serenity Harbor | `Video Demo` | *React.js, MongoDB, Flask, OpenAI, LLM's*   Dec 2023 – Present
- Spearheaded the development of a online platform for users to interact with an AI mental health chat bot.
- Recognized by OpenAI, and received a grant of 2,500$ to boost the development of the project.
- Trained a Fine-Tuned Large Language Model based on gpt-3.5-turbo-0613, using 5,000 rows of rich data.
- Designed user authentication and authorization, an invitation system, and chat history management using MongoDB.

Fyles | `Video Demo` | *Mongodb, Express.js, React.js, Node.js, AWS S3*   Oct 2023 – Nov 2023
- Implemented a cloud storage application aimed for small groups to access shared storage hosted on AWS S3.
- Optimised costs by reducing S3 API calls by **66%** by implementing directory caching.
- Added user authentication and authorization by integrating CRUD operations in Mongodb.
- **Repository**: `github.com/VishnuVardhanBR/fyles`

NutriLens | *Flutter, Tensorflow, Flask*   Mar 2023 – Aug 2023
- Led the development of a mobile application using Flutter to classify food images and provide users with detailed nutritional information.
- Trained a Mobile Net based CNN Model to identify input images with approximately **92%** accuracy.
- Deployed a Flask API hosted on AWS EC2 to serve the ML model and handle inference requests.
- Implemented a cloud-based database and user authentication system using Firebase.
- **Repository**: `github.com/VishnuVardhanBR/NutriLens`

ACHIEVEMENTS

- Mentored batch of **125 students**, sharpening their skills in problem solving, data structures and algorithms.
- Achieved the **3rd position** in IIIT Hyderabad's Annual Hackathon.
- Achieved the **1st position** in the Inter-College Project Expo.
- Completed Milestone 3 in the Google Cloud Ready Facilitator program. ⬈
- Rated 1949 on LeetCode (450 Problems solved), 3 star on CodeChef (1700 rating).

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript.
Web Development: React.js, Express.js, Flask, PHP, HTML, CSS.
Databases: MySQL, MongoDB, Firebase.
IDEs: IntelliJ, VS Code, XCode, Android Studio
Developer Tools: Git, AWS, Google Cloud, Postman.

CERTIFICATES

Neural Networks and Deep Learning ⬈   May 2023
Architecting with Google Compute Engine Specialization ⬈   October 2022
Google Cloud Skill Badges (45 Badges) ⬈   June 2022
Harvard's CS50x ⬈   December 2021