Yukthi Chikkanna

Long Beach, CA

✉ Email   in LinkedIn   🌐 Website   Github

Education

California State University, Long Beach   **Jan 2025 – Present**
Masters in Computer Science   *Long Beach, CA*

Maharaja Institute of Technology   **Aug 2017 – Jul 2021**
Bachelor of Computer Science and Engineering   *Mysore, India*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Artificial Intelligence

Experience

Wissen Technology | *Client – Morgan Stanley*   **Jul 2021 – Jul 2023**
Associate Software Engineer   *Bengaluru, India*

- Developed and implemented a timezone control feature for the **UMR** margin call system, enabling accurate and timely margin call notifications across New York, London, and Hong Kong regions.
- Created a **SQL**-driven script to extract and display margin call data in an internal UI, providing clear visibility of margin call recipients, amounts, and alerts for missed calls via intuitive color coding.
- Streamlined the margin call monitoring process, significantly improving team efficiency in tracking and managing margin calls.
- Contributed to the project's success, leading to the team receiving the "**Best Project Execution**" award for outstanding performance.

Projects

alfred-gcp-workflow | *Open Source | GoLang, Google Cloud Platform, gcloud CLI | Link*   **Aug 2025 – Present**

- Successfully made my first open-source contribution by adding features to an Alfred workflow for **Google Cloud Platform (GCP)**, written in **Go**.
- Implemented a searcher for **IAM roles**, enabling users to quickly locate and manage roles directly through Alfred.
- Implemented a searcher for **IAM service accounts**, enabling users to quickly locate and manage accounts directly through Alfred.
- Added functionality for one-click redirection to the GCP Console for selected accounts, improving navigation speed and overall usability.
- Identified the feature gap independently, contributed code and testing via GitHub, and enhanced the tool's efficiency for **70+** developers using it regularly.

Plant Disease Detection and Fertilizer Recommendation System | *Python, Machine Learning Algorithm*   **Jun 2021**

- Improved early disease detection for farmers by building an ML-powered system that identifies crop diseases through leaf image analysis, reducing crop damage and loss.
- Developed a recommendation engine to suggest accurate pesticides/insecticides, helping farmers avoid misuse and reduce treatment costs.
- Integrated location-based shop suggestions, enabling farmers to easily find nearby vendors selling the required products, boosting treatment turnaround time.
- Designed the system to be user-friendly and accessible, empowering rural farmers with minimal technical knowledge to make informed agricultural decisions.

Technical Skills

Languages: Python, Java, SQL, GoLang, HTML/CSS, JavaScript
Developer Tools: VS Code, Eclipse, Git, Alfred, Pycharm, Jira, Postman
Technologies/Frameworks: Linux, MySQL, Google Cloud Platform, GitHub, JUnit, Jenkins