Krishna Kumar Mukhiya

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EDUCATION

Sri Ramakrishna Engineering College **2019 - 2023**
Bachelor of Technology in Information Technology(CGPA of 8.01) *Coimbatore, India*

Model Multiple Higher School **2016 - 2019**
Science(+2) *Nepal*

Manakamana Public Secondary School **2016**
10th *Nepal*

SKILLS

- **Programming/Scripting:** Java, Python, Go, Bash Script, YAML*
- **Containerization and Orchestration**: Docker, Kubernetes
- **CI/CD:** Jenkins
- **IAC/Configuration Management:** Ansible, Terraform, Chef
- **Cloud:** AWS [EC2, S3, Amplify]
- **Virtualization:** VMware , Oracle VirtualBox
- **OS:** Linux(Ubuntu, Cent OS), Windows
- **Web Servers and Database:** Apache HTTP Server, SQL
- **Others:** Git, Networking(TCP/IP)

PROJECTS

Old-Age Home(Android App) | *Java, Firebase* | Link **4**

- Developed an Android app using Java that locates nearby old-age homes and provides details on occupancy levels and donation opportunities. Integrated the Razorpay payment gateway to enable seamless and secure donation processing and utilized Git for collaborative project management and implemented application development concepts.
- Improved user experience by incorporating a user-friendly interface and enabling users to search for homes based on their preferences.Ensure data integrity, privacy with secure storage, used analytics to optimize, and prioritized documentation makes easy to understand for other developers.

Assistant for Visually Impaired | *Python, OpenCv, MediaPipe* | Link **4**

- Developed a Python project that enables users with visual impairments to perform simple tasks using finger gestures. Utilized mediapipe, Cvzone, pyautogui, and other Python modules to create an accessible user interface and integrate voice-to-text recognition for note-taking in Sublime Text editor.
- This project aims to be inclusive and accessible to individuals with visual impairments by providing additional features such as making calls on WhatsApp and playing music on Spotify to enhance the user experience.

CollegeMeet | *HTML, CSS, JavaScript, AWS* | Link **4**

- CollegeMeet leverages Agora's API and SDK to provide a serverless video calling solution that uses WebRTC to enable direct transmission of data between devices. This approach improves communication speed and reduces latency, resulting in a better user experience without the need for a central server.
- The project include video calling, chat messaging, and screen sharing and it is hosted on AWS Amplify, making it accessible online and easy to scale as needed.

PROFILE LINKS

- GitHub [Projects]
- HackerRank
- LeetCode
- Hashnode [Blogs]

COURSEWORK

- Learning Linux Basics
- Technical Support Fundamental [Google]— From Coursera
- Android Basic [Udacity]