**Abhijit Kolekar**



**Summary**

Abhijit is an IT professional with good knowledge in the area of development. His technical expertise includes C++ on Linux Environment.

Abhijit is a team player & diligent, with good interpersonal & communication skills combined with self-motivation, Adaptability and Troubleshooting.

Abhijit has completed his Bachelors in Electronics and Telecommunication Engineering from India.

**Technical Skills**

| **• Environments** | Windows, Linux |
| --- | --- |
| **Languages** | C++, JavaScript, Python, Basic Java |
| **Database** | MsSQL |
| **Management Tools** | Git, GitHub |
| **Development Tools** | Visual Studio, VS Code |
| **Domains** | Developer |

**Professional Experience**

| ***CitiusTech Healthcare Technology Private Limited Duration: Jul 2022 – Till Date***  CitiusTech is a specialized provider of healthcare technology and business process services to healthcare technology companies, healthcare providers, managed care organizations, health plans, and disease management companies.   | **Project** | **TPDS Duration: May 2023 – Jul 2023** | | | --- | --- | --- | | **Summary** | TPS and TDS are two applications which are used to plan and deliver treatment respectively. TDS application is designed to deliver treatment to cancer treatment. | | **Main Technologies** | C++, Linux, Shell Scripting | | **Responsibilities** | * Performed code analysis of the TDS application, documented the code understanding with detailed workflow and sequence diagrams. * Conducted debugging sessions to identify and resolve application defects, followed by thorough testing to ensure code stability and functionality. * Developed a script to collect and extract essential system logs, enabling efficient log management with configurable paths. * Automated log collection by creating a flexible script that can set up scheduled cron jobs in Linux, optimizing the log-gathering process. * Successfully integrated the Log Collection script with the service, enabling automatic reflection of configuration file changes and ensuring seamless log updates. * Utilized version control systems, such as Git, to manage source code, track changes, and ensure smooth collaboration among team members. | |  | **Project** | **Communication Layer Duration: Jan 2023– Apr 2023** | | | --- | --- | --- | | **Summary** | Developed an application to facilitate seamless data transfer between the backend and frontend systems. The application efficiently transformed data received from another application TCON in C Structure format into JSON format, enabling smooth communication and data visualization on the frontend. | | **Main Technologies** | C++, Linux and RabbitMQ | | **Responsibilities** | * Developed an efficient IPC Message Queue Mechanism to facilitate seamless communication between the TCON application and Communication Layer components, enhancing overall system performance and data flow. * Created a mock TCON application to simulate real-world scenarios, enabling comprehensive testing and validation of the Communication Layer's message handling capabilities. * Transformed C data structures into JSON format, ensuring seamless integration and data exchange with the Frontend and Vice-versa. * Implemented and maintained the project by debugging and bug fixing. * Added additional features according to the requirements. | |   **Other Project** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project** | **Face Detection & Recognition Duration: Jan 2021 – May 2021** | |
| **Summary** | The face is one of the easiest ways to distinguish the individual identity of each other. Face recognition is a personal identification system that uses personal characteristics of a  person to identify the person's identity. Here, we are detecting and recognizing faces from an image using Python OpenCV. OpenCV is huge open-source library for the computer vision, machine learning, and image processing |
| **Main Technologies** | Python |
| **Responsibilities** | * Understood the requirement. * Converted requirement into the project plan. * Designed code under the guidance | |

**Educational Background**

* BE – Electronics and Telecommunication Engineering – Vidyalankar Institute of Technology, University of Mumbai, India, Year 2022.