JAINAM SHAH

International Institute of Information Technology, Bangalore

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Education

International Institute of Information Technology, Bangalore, Karnataka   **July 2022 - Present**
Master of Technology in Compute Science and Engineering   *3.72/4*

A. D. Patel Institute Of Technology, Anand, Gujarat   **June 2017 - July 2021**
Bachelor's Degree in Engineering (B.E.), Computer Engineering   *8.90/10*

Experience

Accenture Solutions Pvt Ltd   **September 2021 – July 2022**
Application Development Associate   *Mumbai, Maharashtra*

- Developed over 5000 data fields for client's Policy Insurance data by leveraging APIs, ensuring comprehensive data coverage and accuracy. Enhanced data manipulation processes to align with client requirements, optimizing downstream data integrity for efficient document generation.
- Executed thorough unit tests to ensure quality assurance and identify and address any potential issues or errors.
- Designed and implemented an accelerator that significantly sped up the development process by nearly 5X, while maintaining a 0 percent error rate. Conducted a knowledge transfer session to educate the entire team on the functionality and utilization of the accelerator, leading to improved project understanding and collaboration.
- Reduced the time complexity of the accelerator and implemented $O(1)$ space utilization, further optimizing its performance and efficiency.
- Successfully led a project story, completing it ahead of the deadline, demonstrating effective project management and delivery skills.

Projects

CareMyPatient | *Java-Backend, MySQL, Git, Jenkins, Docker-Compose*   **March 2023 - April 2023**

- CareMyPatient is an application focused on extending healthcare services from hospitals to patients' homes.
- Designed and developed the backend infrastructure for seamless integration with hospital systems, enabling efficient data flow. Mobile app for field health workers allowing patients to be monitored/treated at home. Integrated with hospital system with seamless two-way flow of data.
- Implemented offline mode functionality, ensuring uninterrupted service delivery even in areas with limited connectivity.

Banking Management System | *C, System Call API*   **October 2022**

- Designed and developed a banking management system using C and Linux system calls, effectively simulating the core functionalities of a real-world banking system.
- Implemented file management techniques, locking mechanisms, process management, IPC mechanisms, and signal handling to ensure secure and seamless operation of the system.
- Leveraged Socket Programming to establish efficient and reliable communication channels between clients and the server, facilitating smooth and uninterrupted data transmission. Created a highly scalable server capable of serving multiple concurrent clients concurrently.

Technical Skills

Languages: C, C++ , Java(Basic).
Database: MySQL
Subjects: Data Structures, Algorithms, Operating System, DBMS, Computer Networks, Systems Software(Linux), OOPS.
Devops Tools(Basics): Docker, Docker-Compose, Kubernetes, Jenkins, Git.
Leetcode Profile: shahjainam961

Activities

Walmart Sparkplug 2022   **November 2022**
Coding Competition   *Unstop Platform*

- Ranked in top 500 candidates out of 10k students in Walmart Sparkplug 2022 coding competition held pan India.

Smart Gujarat For New India Hackathon 2019-20   **March 2020**
Charotar University Of Science And Technology   *Anand, Gujarat*

- Strengthened communication skills by actively listening to team members' ideas and effectively expressing thoughts and concerns.
- Demonstrated a proactive approach to learning by seeking guidance from mentors and effectively addressing doubts and queries.