

# VIKRAM VIRWANI

International Institute of Information Technology, Bangalore

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## Education

**International Institute of Information Technology, Bangalore**

**July. 2023 – June. 2025**

*Master of Technology - Computer Science and Engineering*

*3.20/4.0*

**Vivekanand Education Society's Institute of Technology, Mumbai**

**Aug. 2018 – July. 2022**

*Bachelor of Engineering - Computer Science and Engineering*

*8.91/10.0*

## Experience

**NSEIT**

**Sep 2022 – June 2023**

*NSEIT Associate System Analyst (Full-time)*

*Mumbai, Maharashtra*

- Worked as a DEVOPS and Automation Engineer at NSEIT.
- As a DevOps Engineer at NSEIT, I leverage my expertise in Python, Linux, TeamCity, JIRA, and other tools to successfully complete an automation project related to Solarwinds. The project aimed to monitor and manage server usage, ensuring it stayed below a predefined threshold, thus optimizing performance and minimizing potential issues.

## Projects

**Solarwinds Automation for Optimized Server Performance** | *Python, Teamcity, Jira, Solarwinds*

**Sept 2022**

- I led the implementation of an automated solution utilizing Solarwinds to monitor and manage server usage. By proactively maintaining usage below a predefined threshold, the automation significantly improved server performance and minimized potential disruptions, ensuring optimal operations for our systems.
- Implemented 3-4 critical use cases that helped in optimizing the entire code.

**Course Registration Portal** | *C, Linux, System Calls, Socket Programming*

**October 2023**

- Developed a software application to acquire practical skills and implement Linux functionalities, including system calls, semaphores, and file locking protocols. The goal was to tackle challenges related to concurrent processing and ensure the security of data.
- Communication between the client and server involves utilizing various system calls and implementing socket programming.

**Academic ERP Project** | *Java, SpringBoot, React, JavaScript*

**December 2023**

- Implemented Faculty Registration module using Java, Spring Boot, React, HTML, CSS, and JavaScript technologies.
- Designed a user-friendly interface for faculty members to input their details, including a photograph.
- Integrated drop-down selection for courses, preventing the simultaneous selection of courses with the same time slot.

## Technical Skills

**Languages:** Python, Java, C, JavaScript, SQL

**Technologies/Frameworks:** SpringBoot, React, Linux, GitHub, JUnit

**Tools:** Git, MySQL, Teamcity, Jira, Solarwinds

## Relevant Coursework

- Data Structures
- Database Management
- Machine Learning
- Operating Systems
- Computer Architecture
- Theory of Computation

## Achievements

- Gate 2023 CSE Rank : 938 (98.7 Percentile).
- Solved 300+ Questions on Leetcode and gfg.
- Was Selected in the State Level Cricket Team in under-19 Tournaments.

## Certifications

- Google - participation Certificate in Google Cloud workshop.
- Microsoft Technology Associate certification (MTA-381).
- Coursera - Completion of Network Security Course from Coursera.