Vatsal Shah

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EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology — CGPA: 7.86
M.Tech in ICT with specialization in Software Systems — *Aug. 2022 – Aug. 2024*

Indus University — CGPA: 9.48
B.Tech in Computer Engineering — *Aug. 2018 – May 2022*

Vishvaniketan High School — Percentage: 73
HSC — *2016 – 2018*

Nirman High School — Percentage: 79
SSC — *2015 – 2016*

EXPERIENCE

Intern — June 2019 – July 2019
GTPL Hathway Ltd.
- I have worked as an intern for a month.
- My role was to understand the flow between the employees and customers, how they created the tickets, and the essential work to do in a software production team.

Teaching Assistant — Aug 2022 – May 2024
Dhirubhai Ambani Institute of Information and Communication Technology — *Gandhinagar, Gujarat*
- The subject of Design in Software Systems for *MSc IT Sem III*
- The subject of Software Engineering for *MSc IT Sem II*
- The subject of Software Project Management for *MSc IT Sem III*
- The subject of Probability and Statistics for *Btech Mnc sem III*

PROJECTS

Test case generation using CEG — May 2023 – May 2024
- This project automates the creation of cause-effect graphs from Software Requirements Specification documents.
- The goal is to extract and translate data from SRS documents into visual cause-effect representations, enhancing the comprehension and analysis of system requirements.
- I have also written an MTech thesis on this project.

Staff Leave Management System — Jan 2022 – May 2022
- This project includes three main modules: Staff, Hod, and Registrar.
- If staff wants a leave, higher authorities should grant the permission, and a similar is for Hod.
- The project is developed using PHP, MySQL, and Bootstrap for some front-end work.

TECHNICAL SKILLS

Languages: C++, SQL, MongoDB , HTML/CSS
Frameworks: React
Developer Tools: Git,VS Code, Visual Studio, PyCharm
Libraries: ReactFlow

ACHIEVEMENTS

1st Rank in project exhibition for Btech final semester project.
Python for Everybody Specialization.(Coursera)

INTERESTS

- Volleyball
- Photography
- Travelling