

Dev Lathiya

SENIOR | COMPUTER SCIENCE & ENGINEERING | IIT JODHPUR
lathiya.1@iitj.ac.in | +91-7622907643

INTERNSHIPS

MICROSOFT | SOFTWARE ENGINEER INTERN

Hyderabad, India

[May 2021 - July 2021]

Internship Certificate

- Developed a Proof of Concept to Expose the Auto-Label Progress Report through Azure.
- Experimented with different storage technologies, Verified and tested the data-flow by unit testing.
- Technologies used: C#, EventHub, Azure Functions, Cosmos DB, Elasticsearch, moq framework, Postman.

PROJECTS

GRAPH ANALYTICS | PAGERANK CALCULATION ON GPU

Dr. Dip Sankar Banerjee | IIT Jodhpur

[Dec 2020 - May 2021]

Github Repo | Report

- Implemented PageRank algorithm on GPU with cuda programming along with optimization discussed in **STIC-D paper**.

CHATAPP | A CHAT APP WITH MESSAGE ORIGIN TRACING

Dr. Sumit Kalra | IIT Jodhpur

[Jan 2020 - July 2020]

Github Repo

- Developed a cross-platform mobile application with features end-to-end encryption, and message origin tracing implemented with the help of KMP algorithm.
- Technologies used: React-Native, NodeJS, MySQL, Amazon Web services (AWS), Advanced Encryption Standard (AES), Socket.IO and Python.

BUYPAL | IITJ ONLINE DELIVERY SYSTEM

Dr. Anand Mishra | IIT Jodhpur

[Sept 2019 - Dec 2019]

Github Repo

- The aim was to create an online delivery system for IITJ to provide an online mode of communication between vendors and customers.
- Successfully developed console based C++ project with functionalities Email OTP verification, Password verification.

ACHIEVEMENTS

- JEE Advanced 2018 All India Rank (AIR):**2646**, among the shortlisted 2 lakh (approximately) candidates
- JEE Main 2018 All India Rank (AIR):**5214**, among around 1 million candidates
- Reached 4 star on Codechef with Highest rating of 1959 (**devil401**)
- Secured a Global Rank of 161 among around 14000 participants in Codechef October Challenge 2019 - Div 2

EDUCATION

IIT JODHPUR

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Expected 2022 | Jodhpur, India

CGPA: 7.44

P P SAVANI VIDYHA BHAVAN

CLASS 12

2018 | Surat, Gujarat

Percentage: 85%

P P SAVANI VIDYHA BHAVAN

CLASS 10

2016 | Surat, Gujarat

Percentage: 92%

SKILLS

PROGRAMMING

Proficient

- C/C++

- C#

Familiar

- Python

TECHNOLOGY

- Azure

- AWS

- Cuda

COURSEWORK

COMPUTER SCIENCE CORE

Data Structures & Algorithms

Object Oriented Analysis & Design

Algorithm Design & Analysis

Operating Systems

Computer programming

Software Engineering

Computer Architecture & Organization

Compiler design

Computer Networks

Artificial Intelligence

Theory of computation

Discrete Mathematics

LINKS

GitHub:// **Dev Lathiya**

Linkedin:// **Dev Lathiya**

Codechef:// **Dev Lathiya**

deus09.github.io