

Dev Lathiya

Computer Science and Engineering Sophomore | IIT Jodhpur

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<https://www.linkedin.com/in/devlathiya/>

EDUCATION

IIT, JODHPUR

B.TECH | COMPUTER SCIENCE
AND ENGINEERING

CGPA: 7.58 / 10 | Expected 2022

P P SAVANI VIDHYA BHAVAN HIGHER SECONDARY EDUCATION

Percentage: 85.8% | 2018

Gujarat Secondary and Higher
Secondary Education Board

P P SAVANI VIDHYA BHAVAN HIGHER SECONDARY EDUCATION

Percentage: 92.83% | 2016

Gujarat Secondary and Higher
Secondary Education Board

COURSEWORK

Computer Programming
Discrete Mathematics
Data Structures & Algorithms
Object Oriented Analysis & Design
Software Engineering
Theory Of Computation
Computer Organization &
Architecture
Calculus and Linear Algebra
Complex Analysis and Differential
Equation
Probability, Statistics and Random
Processes

SKILLS

PROGRAMMING

Proficient:

- C/C++
- Python

Familiar:

- Javascript

WEB DEVELOPMENT

- HTML/CSS
- Bootstrap
- NodeJS

FRAMEWORKS

- React-native
- Django

OTHER

- Rubik's cube

PROJECTS

A CHATAPP WITH MESSAGE ORIGIN TRACING | B.TECH PROJECT

Jan 2020 - Present | Guide: Dr. Sumit Kalra

COSS PLATFORM MOBILE APP:

- Built a cross platform mobile app - ChatApp using Mobile Application Framework React-Native
- Message origin tracing achieved through KMP (Knuth-Morris-Pratt) algorithm implemented in python
- Technologies used: React-native, NodeJs, MySQL, AWS(Amazon Web services), Socket.IO, python
- Github Repo: [ChatApp](#)

BUYPAL | IITJ ONLINE DELIVERY SYSTEM

Sept 2019 - Dec 2019 | Guide: Dr. Anand Mishra

- Course Project for Object Oriented Analysis & Design
- successfully developed console based c++ project with functions like Email OTP verification, Password verification.
- implemented c++ program for delivery system consisting of fully functioning process from placing order to assignment of delivery man.
- Github Repo: [BuyPal- An online delivery system](#)

IMAGICA | A BASIC IMAGE EDITING WEB APP

Sept 2019 - Dec 2019 | Guide: Dr. Rajlaxmi Chauhan

- Developed as a course project in a team of 5 in Signals & System
- Implement features of Edge detection, embossing, Sharpening, Box Blur and Gaussian Blur using Convolution, Compression through DCT (Discrete cosine transform), resizing and rotation using bicubic and bilinear interpolation implemented in c++.
- Integrated c++ code with django powered Web UI
- Github Repo: [Imagica | Report](#)

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

LINKS

Github:// [deus09](#)

LinkedIn:// [Dev Lathiya](#)

Codechef:// [devil401](#)

[deus09.github.io](#)

EXTRA-CURRICULAR

- Won RGB (Rube Goldberg) Event organized by Nimble 2019(Intra college technical fest)
- Coordinated Treasure hunt event in IIT Jodhpur Annual Tech fest
- **Interests and Hobbies:** Sports Programming, Reading