

# Hiren Chalodiya

COMPUTER SCIENCE AND ENGINEERING | IIT JODHPUR  
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## EDUCATION

### IIT JODHPUR

B.TECH IN COMPUTER SCIENCE AND  
ENGINEERING

2021 | Jodhpur, Rajasthan

CGPA: **9.5/10**

Class Rank: **2**

### AASHADEEP SCIENCE BHAVAN

HIGHER SECONDARY CERTIFICATE

2017 | Surat, Gujarat

Percentage : **95% (PCM: 98.33%)**

### SADHANA NIKETAN VIDHYALAY

SECONDARY SCHOOL CERTIFICATE

2015 | Surat, Gujarat

Percentage : **94.83%**

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Object Oriented Analysis and Design  
Algorithm Design and Analysis  
Database Systems  
Compiler Design  
Operating System  
Data Communication  
Computer Networks  
Software Engineering  
Discrete Mathematics  
Computer Organisation and Architecture  
Theory Of Computation  
Digital Logic and Design  
Financial Engineering  
Probability, Statistics and Random Processes

## SKILLS

### PROGRAMMING

- .NET • Python
- C/C++ • Go
- Java • JavaScript

### WEB TECHNOLOGIES

- HTML • CSS

### FRAMEWORKS & UTILITIES

- Django • Solr • Bootstrap
- Nutch • Scrapy • React
- Electron • Flask
- Git

## LINKS

Github://[hirenchalodiya1](https://github.com/hirenchalodiya1)  
LinkedIn:// [hiren-chalodiya](https://www.linkedin.com/in/hiren-chalodiya)

## EXPERIENCE

### AZURE SPECIALIZED | SOFTWARE ENGINEER 2

June 2021 - Present | Hyderabad, India

- Worked on Azure monitor with SAP solutions and Azure center for SAP solutions to create, manage and monitor SAP workloads.
- Designed and developed first party integration service for SAP workloads on Azure e.g. Azure Backup for SAP workloads.
- Working on Azure Migrate for SAP.

### AZURE MIGRATE FOR SMB | MICROSOFT SUMMER INTERN

May 2020 - July 2020

Mentors: Logan Smith, Damon Stephenson

- Developed a prototype for cloud migration tool for SMBs
- Designed few clicks solution for client to migrate their services to Azure within 24 hours
- Critically analysed different approaches and implemented **lift and shift** migration approach
- Used agent based approach to assess client's on premises machine.

## RESEARCH AND PROJECT

### AUTHOR NAME DISAMBIGUATION | RESEARCH PROJECT

Jan 2020 - August 2020 | Jodhpur, India

Mentor: Dr. Suman Kundu

- Created Gold Dataset that contains over **20k+** articles
- Designed algorithms to solve the homonym and the synonym problem with **83%** efficiency

### DEEP PACKET INSPECTION | RESEARCH PROJECT

Jan 2020 - August 2020 | Jodhpur, India

Mentor: Dr. Sumit Kalra

- Created a stand-alone system for deep packet inspection in mobile devices
- Implemented a technique to analyse header and content of packets

### AGROSEARCH | B.TECH. PROJECT

Jan 2019 - April 2019 | Jodhpur, India | Open sourced at [Github](#)

Mentor: Dr. Sumit Kalra

- Developed domain based **Search engine** on Solr.
- Built a separate **web crawler** in Python using scrapy framework.
- Indexed **1M** sites using Nutch and customized crawler (written in python) for optimization purpose.

## ACHIEVEMENTS

- 2018 Branch(CSE) **topper** of year 2017-18 at IIT Jodhpur.
- 2018 Received Academic Excellence Award from the institute.
- 2017 Scored **4th rank** in Gujarat state board entrance exam (ACPC).
- 2017 JEE Advanced **AIR 2864**, JEE Mains **AIR 6037** Among Top **0.2%**

## EXTRACURRICULAR

- |         |                            |  |
|---------|----------------------------|--|
| 2020-21 | <b>Senate Nominee</b>      | Student Senate, IIT Jodhpur              |
| 2018-19 | <b>Student Guide</b>       | Student Counselling Service, IIT Jodhpur |
| 2018-19 | <b>Captain</b>             | Science Club, IIT Jodhpur                |
| 2018    | <b>Student Coordinator</b> | Microsoft code.fun.do++ hackathon        |