

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

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

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