

# Hiren Chalodiya

FINAL YEAR (B.TECH.) | COMPUTER SCIENCE AND ENGINEERING | IIT JODHPUR

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## SKILLS

**Experienced:** Python | C/C++ | React | Electron | Git | Django

**Familiar:** Java | NodeJS | JavaScript | Type Script | Solr | Flask | Nutch | Scrapy

## WORK EXPERIENCE

**AZURE MIGRATE FOR SMB** | Microsoft Summer Intern

May 2020 - July 2020

Developed a prototype for cloud migration tool for SMBs

Designed few clicks solution for client to migrate their services to Azure within 24 hour

Critically analysed different approaches and implemented **lift and shift** migration approach

Used agent based approach to assess client's on premises machine

## PROJECT

**AUTHOR NAME DISAMBIGUATION** | Research Project

Jan 2020 - August 2020

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

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

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

**AGRISYNC** | Software Engineering Course Project

Jan 2019 - April 2019

Designed an **architecture** for multiple types of users

Implemented the backend, designed the database and UI/UX of the platform and wrote various unit tests with

**99.9%** test coverage

Collaborated with three other programmers

## EDUCATION

B.Tech in Computer Science and Engineering (Expected **2021**) (CGPA: **9.51/10**) (**Dept Rank: 2**) IIT Jodhpur

Higher Secondary Certificate (Class 12) (**95%**) Aashadeep Science Bhavan

Secondary School Certificate (Class 10) (**94.83%**) Sadhana Niketan Vidhyalay

## ACHIEVEMENTS

Secured **1st** position out of 12 teams, IIT Jodhpur Prometeo Hackathon 2020

**Branch(CSE) topper** of year 2017-18 at IIT Jodhpur, received academic excellence award 2018

JEE Advanced **AIR 2864**, JEE Mains **AIR 6037**, among top 0.2% out of 14 lakh students 2017

Scored **4th rank** in Gujarat state board entrance exam (ACPC) 2017

## EXTRACURRICULAR

2018-19 **Student Guide** Student Counselling Service, IIT Jodhpur

2018-19 **Captain** Science Club, IIT Jodhpur

2018 **Student Coordinator** Microsoft code.fun.do++ hackathon