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
LinkedIn:// 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
- Implemeted 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	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