Hiren Chalodiya

COMPUTER SCIENCE AND ENGINEERING | IIT Jodhpur
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SKILLS

Experienced: Python | C/C++ | .NET | Electron | Git | Django
Familiar: Java | NodeJS | JavaScript | Go | Solr | Flask | Nutch | Scrapy

WORK EXPERIENCE

AZURE SPECIALIZED | Software Engineer 2 June 2021 - Present

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

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

Implemeted 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

EDUCATION

B.Tech in Computer Science and Engineering (CGPA: **9.5/10**) (**Class Rank: 2**)	2021	IIT Jodhpur
Higher Secondary Certificate (Class 12) (**95%**)	2017	Aashadeep Science Bhavan
Secondary School Certificate (Class 10) (**94.83%**)	2015	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

2020-21	**Senate Nominee**	Student Senate, IIT Jodhpur
2018-19	**Student Guide**	Student Counselling Service, IIT Jodhpur
2018-19	**Captain**	Science Club, IIT Jodhpur