

Akash Zalke

Data Engineer

Enthusied Engineer with proven problem-solving, research, and analytical skills. Interned at Persistent where I worked on Big Data technologies. Active coder at coding platforms like HackerRank, leetcode. Seeking a software engineer position to grow my career as an SDE professional.



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WORK EXPERIENCE

Data Engineer Persistent

07/2022 - Present

Nagpur

Achievements/Tasks

- Worked upon automating internal certificate verification using data mining techniques
- Learned and worked upon various big data tools - Hive, Kafka, Cassandra, HBase, Hadoop, Pyspark

Big Data Intern Persistent

01/2022 - 07/2022

Nagpur

Persistent

Achievements/Tasks

- Worked upon Big Data technologies got to know about Hadoop EcoSystem, HDFS, Hive, MapReduce, SQL.

PERSONAL PROJECTS

Color-Matrix-Based-Virtual-Password-System

- A secure system against various attacks like man-in-middle, shoulder surfing, etc. Mapped keywords strokes to randomised color matrix for encrypting password with initial of a color.

Games :-

- [Naruto Vs Sasuke](#)
- [Snake Game](#)
- [Game Of Four](#)

Blog-It

- A website which connect users through blogs made using django

On-line-Installation-of-dripper-with-robotic-arm-mounted-on-rover

- We Made a detailed CAD model of bot and implemented navigation algorithm which was used for automated navigation of our bot.

Compress File Using Huffman Algorithm

- Successfully Compressed a File It is a lossless data compression algorithm that uses variable-length codes to represent data.

EDUCATION

Bachelor's Degree

Government College of Engineering Nagpur

06/2018 - 06/2022

Nagpur

Courses

- Computer Science

SKILLS

Python

Pyspark

Hadoop

Cassandra

SQL

Hive

Kafka

DSA

Django

AWS(EC2,S3,Redshift)

MongoDB

C++

ACHIEVEMENTS

12th in CodeGladiators TechGig - Semifinals

Ranked 12th across the globe in coding contest organized by Techgig

Won Build.AI (Hack-a-thon)

Issued by Association for Computing Machinery (ACM) · Aug 2018 This was a hack-a-thon held for two days. Our project yielded the highest accuracy among all the participants and we won the build.ai hack-a-thon.

Publication Of a Project

Published a paper at International Journal of Research in Engineering and Science (IJRES) for our project Color-Matrix-Based-Virtual-Password-System.

CERTIFICATES

Problem Solving (Intermediate) (07/2022)

HackerRank

SQL Certificate (08/2021)

HackerRank

TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning (12/2020)

Coursera

Python Certificate (11/2020)

HackerRank

Azure Fundamentals (08/2022 - Present)

Microsoft

LANGUAGES

English

Limited Working Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Chess

Video Editing

Game development