

# 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 HackeRank, leetcode. Seeking a software engineer position to grow my career as an SDE professional.



✉ akashzalke786@gmail.com

☎ +91-7020384360

📍 Nagpur, India

🌐 linkedin.com/in/akash-zalke-a683a3193

## 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

#### Achievements/Tasks

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

## PERSONALSA 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

Data structures and Algorithm

Django

Flask

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