

# Akash Kalme

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## Education

### PUNE INSTITUTE OF COMPUTER TECHNOLOGY

B.E. COMPUTER ENGINEERING

2024

Pune

Aggregate CGPA: 8.98

### PRAGNYA JUNIOR COLLEGE OF ARTS, COMMERCE AND SCIENCE

HIGHER SECONDARY CERTIFICATE

2019

Pune

Percentage: 71.08

### CHRIST INTERNATIONAL SCHOOL

SECONDARY SCHOOL CERTIFICATE

2017

Latur

CGPA: 10

## Links

 **GitHub**  
 **Leetcode**  
 **Codechef**  
 **Codeforces**

## Skills

### PROGRAMMING LANGUAGES

C++ • Python

### DEVELOPMENT

HTML • CSS • JavaScript • Bootstrap • Django

### DATABASES

SQL • MongoDB

### PYTHON LIBRARIES

Pandas • Numpy • Matplotlib • Scikit-Learn

### OTHER

Microsoft Office • Git

### LANGUAGES

English • Hindi • Marathi

## Coursework

- Data Structures and Algorithms
- Object Oriented Programming
- Operating Systems
- Computer Networks
- Database Management Systems
- Data Science
- Machine Learning

## Interests

- Badminton, Cricket
- Trekking

## Experience

### MACHINE LEARNING AND DATA SCIENCE INTERN

PHN TECHNOLOGY PVT. LTD.

April 2023 – May 2023

Pune

- Performed exploratory **data analysis and visualization** to gain insights into the data and identify trends.
- Worked with various Python libraries such as **Pandas, Numpy and Matplotlib** to enhance data visualization.

## Projects

### POOLCAR: A CAR POOLING PLATFORM

HTML • CSS • DJANGO • SQL

- **Developed** a carpooling platform using HTML, CSS, and Django to **connect drivers and passengers** travelling in the same direction.
- Implemented user **authentication, trip listing and join rides** features.
- Project aims towards **sustainable transportation** initiative by facilitating the sharing of rides.

### HOSPITAL RESOURCE MANAGEMENT SYSTEM

HTML • CSS • DJANGO • SQL

- Built a **dynamic** website that acts as a Hospital database that stores the patients' medical records.
- The system **empowers administrators** with vital data for each patient and creates a patient-centric and sustainable healthcare environment.

### DPS: DIABETES PREDICTION SYSTEM

PYTHON • PANDAS • MATPLOTLIB • SCIKIT-LEARN • DJANGO

- Developed a **predictive system** to assess the **likelihood of diabetes** in patients using diverse dataset features.
- Utilized various **Python libraries** for Data Analysis, Data Visualisation and building Machine Learning Models.
- Project aims to empower individuals with valuable insights into **diabetes risk** for **early intervention**.

## Courses

- The Complete 2023 Web Development Bootcamp (*Udemy*)
- Complete Machine Learning and Data Science Bootcamp 2023 (*Udemy*)
- Mastering Data Structures and Algorithms using C and C++ (*Udemy*)

## Achievements

- **3 Star coder** at Codechef (**Max. Rating 1760**)
- Secured **Global Rank 353** among 5000+ participants in the Codechef Starters 99 (Div. 2)
- Secured **Global Rank 291** among 5000+ participants in the Codechef Starters 69 (Div. 3)
- Solved **700+ problems** on Leetcode (**Max. Rating 1834**)
- **Pupil** at Codeforces (**Max. Rating 1348**)
- **5 star** in C++, Python and SQL at **HackerRank**