

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

NETWORK INTRUSION DETECTION SYSTEM

PYSHARK • SCIKIT-LEARN • HTML • CSS • DJANGO

- **Developed and optimized** machine learning models to detect network intrusions, achieving over **98% detection accuracy** and significant reduction in false positives.
- Project aims to enhance network security by providing real-time detection of potential threats and vulnerabilities for proactive intervention.

POOLCAR: A CAR POOLING PLATFORM

HTML • CSS • DJANGO • SQL

- **Developed** a carpooling platform 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.

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)
- **Knight** at LeetCode (**Max. Rating 1864**)
- Solved **900+ problems** on Leetcode
- **Pupil** at Codeforces (**Max. Rating 1351**)
- **5 star** in C++, Python and SQL at **HackerRank**