

# Prakash

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## EDUCATION

### GURUKULA KANGRI (DEEMED TO BE UNIVERSITY)

B.TECH IN COMPUTER SCIENCE

Haridwar,Uttarakhand

Nov2022-May2026

## LINKS

Github:// [prakash](#)

LinkedIn:// [prakash](#)

Naukri360:// [prakash](#)

Leetcode:// Prakash

## COURSEWORK

### UNDERGRADUATE

DatabaseManagementSystems(DBMS)

ComputerNetworks

Machine learning(ML)

OperatingSystems

Artificial intelligence (AI)

CloudComputing

## SKILLS

### PROGRAMMING LANGUAGES

Java • Python • HTML • CSS • JavaScript

• SQL

### FRAMEWORKS/LIBRARIES

React • Pandas • Numpy•Matplotlib •

scikit-learn(Regression, Classification, KNN, Decision Tree)

### DATABASESTOOLS

MySQL•NoSQL(MongoDB) • AWS

Server•PostgreSQL

### DOMAINS OF INTEREST

Machine Learning • Artificial Intelligence

• Web Development

### DEVELOPER TOOLS

Git • GitHub • Docker • Linux

•VSCode•Power BI• Advance MS Excel

• IntelliJ IDEA

### PROBLEM SOLVING

Competitive Programming (LeetCode, Codeforces,CodingNinjas)

## PROJECTS

### AI-POWERED COLLEGE RECOMMENDATION SYSTEM (DHUNDO APPNA COLLEGE)

- **Tools Used:** Python, Pandas, Scikit-learn, NumPy, Matplotlib, NLTK, Jupyter Notebook
- Developed an **AI-driven recommendation system** to provide personalized college suggestions by analyzing student marks and preferences.
- Built, trained, and tested a **machine learning model** using Python and TensorFlow, achieving recommendations closely aligned with the academic profiles of the students. Engineered a **full-stack application** by integrating the model with a user-friendly web interface (HTML, CSS, JS) and a MySQL database.

### AI-DRIVEN CUSTOMER CHURN PREDICTION RETENTION SYSTEM FOR TELECOM | [LINK](#)

- **Tools Used :** Python ,Pandas, NumPy, Excel , Power BI, Matplotlib, Seaborn,Scikit-learn, XGBoost , Flask
- Developed a machine learning-based system to predict customer churn and identify at-risk customers.
- Applied optimization algorithms (Knapsack, Greedy) to recommend cost-effective retention offers within budget constraints.
- Designed interactive dashboards to visualize churn trends, revenue impact, and retention strategies for data-driven decision making.

### RAPIDO RIDE POWER BI DASHBORD PROJECT | [LINK](#)

- **Tools Used:** Tools Technologies: MS Excel, Power BI, MySQL
- Worked on 50,000+ rides to track completions, cancellations, and revenue sources SQL to find average distance, cancellation count, and which service (like bike or auto) performed best
- Analyzed ride data to determine that bike rides generated the highest revenue, and July 2024 had the highest total earnings (3.1M)

## ACHIEVEMENT

### SMART INDIA HACKATHON & AMAZON ML HACKATHON

#### PARTICIPANT

Jan 2024

- Collaborated with a team to explore machine learning solutions and presented practical applications in a competitive environment.
- Gained valuable insights into ML-based problem solving and teamwork.

### SILVER MEDAL – STATE LEVEL VOLLEYBALL CHAMPIONSHIP

2018

- Represented Indian public school in State Level Volleyball Championship and achieved 2nd position.