



# ROSHINI BHASKAR K

[Github](#) | [Linkedin](#) | [Personal Website](#)

+91 99728 83933  
roshbhaskar25@gmail.com  
Bangalore, India

Diligent and creative fourth year student with a thirst for knowledge and a resolute competitive mentality. Enthusiastic about developing new applications.

## EDUCATION

- **PES UNIVERSITY EC CAMPUS**  
Pursuing Bachelors of Technology, major in *Computer Science*  
**GPA : 8.8** | 2018 – 2022 Bangalore, India
- **DELHI PUBLIC SCHOOL BANGALORE EAST (CBSE)**  
Grade 12<sup>th</sup> - **90%** | 2018 Bangalore, India
- **DELHI PUBLIC SCHOOL BANGALORE EAST (CBSE)**  
Grade 10<sup>th</sup> - **9.8 GPA** | 2016 Bangalore, India

## PROJECTS

- **[GENERIC RED BLACK TREES](#)**  
MAR 2021 – APRIL 2021  
**Red black trees** implemented in **C++** using generic programming concepts.
- **[PATH VISUALIZER](#)**  
FEB 2020 – MAR 2020  
A web application developed on **ReactJS** to visualize path finding algorithms.
- **[MINI LOGGING SYSTEM](#)**  
JAN 2021 – FEB 2021  
Mimicked logging system in **C++** by integrating design patterns like **Observer**, **Singleton** and **Mediator** Patterns.
- **[CHATBOT USING PYSARK](#)**  
AUG 2020 – DEC 2020  
A **rule based chatbot** developed in **PySpark**

## ACHIEVEMENTS

- **AI GAMING PESU 2020**  
Secured 4<sup>th</sup> position | May 2020  
AI gaming event in association with Microsoft Student Partners on May 2020
- **MRD SCHOLARSHIP AND DISTINCTION AWARD PESU 2019**  
Secured *cgpa* of 8.82 | 2018-2019
- **MRD SCHOLARSHIP AND DISTINCTION AWARD PESU 2020**  
Secured *sgpa* of 9 | May 2020
- **HASHCODE 2021 CODING COMPETITION**  
Secured below 5000 rank in Round 1 | Feb 2021

## SKILLS

- Programming : **C** , **C++** and **Python**
- Frontend : **HTML**, **Javascript** and **ReactJS**
- Frameworks : **Flask**
- Backend : **Firestore** , **MySQL**
- Machine Learning and Data Science
- **Git/Github**

## COURSES/CERTIFICATIONS

- **HackerRank**  
Problem Solving  
Python
- **Udemy**  
Machine Learning using python
- **PESU- I/O**  
Data Mining  
Statistics for Data Science
- **University of Helsinki**  
Elements of AI
- **TCS-ICON**  
Career Edge - Knock the Lockdown

## EXPERIENCE

- **UTKARSHINI EDUTECH**  
**TEACHING ASSISTANT INTERN** | MAR 2020 – MAY 2020  
Developed codes and powerpoint slides for machine learning algorithms using only basic libraries.
- **GIRLSSCRIPT SUMMER OF CODE**  
**PARTICIPANT** | AUGUST 2020 – DEC 2020  
Contributed to open source project : Topic Modelling using Natural Language Processing
- **ACM PESU CLUB**  
**ORGANISER** | AUG 2019 – SEPT 2021  
Organized fests, workshops and hackathons.