



ROSHINI BHASKAR K

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

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Bangalore, India

Diligent and creative third 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 12th - **90%** | 2018 Bangalore, India
- **DELHI PUBLIC SCHOOL BANGALORE EAST (CBSE)**
Grade 10th - **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 **React** 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 4th 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**, **CSS**, **Javascript** and **ReactJS**
- Frameworks : **Flask**
- Backend : **Firestore** , **SQL**
- Big Data : **Spark** and **Hadoop**
- 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 – JUN 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 – PRESENT
Organized fests, workshops and hackathons.