Roshan Sharma

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EDUCATION

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
IN COMPUTER SCIENCE
Dec 2021 | Raebareli, UP, INDIA

KENDRIYA VIDYALAYA SEVOKE ROAD
CLASS 12th: AISSCE
May 2021 | SILIGURI, WB
Percentage: 80.6

LINKS

LinkedIn:// @roshan_earth286
Github:// @roshan102003
Leetcode:// @roshan1710
GFG:// @roshaneankt3
Medium:// @@roshanearth
Twitter:// @Roshanearth286

COURSEWORK

GRADUATE
Advanced Machine Learning
Open Source Software Engineering
Web Technology and Development
Object-oriented Programming
Data Structures Algorithms
Cloud Native Development
Application Deployment

UNDERGRADUATE
Artificial Intelligence
Operating Systems
Amazon Web Services
Google Cloud Platform
Functional Programming
Unix Tools and Scripting
Graphics Visualisations

SKILLS

PROGRAMMING
Over 5000 lines:
C++ • Python • Linux • HTML
CSS • JavaScript • MongoDB
Over 1000 lines:
Java • React • Angular • PHP • Node.js
Familiar Tech:
Cloud Native Development • Android •
MySQL • Application Deployment • Web
Application Hosting • Machine Learning

EXPERIENCE

FLIPKART | SCOA Intern '22
Aug 2022 – Oct 2022 | Lucknow, UP
- 250 out of 4500+ applicants chosen for Flipkart SCOA 2022.
- Increases the efficiency of SAP (SCM) open software by 2 percent.
- Automated information and communication technology (ICT) algorithms.
- Skills acquired: Automation Software, Digital Communications with Hardware.

GOOGLE CLOUD | Apprenticeship
Apr 2022 – July 2022 | Remote
- Completed 350+ hands-on labs of (2 hrs. each) on Google Cloud Platform.
- Archived 2nd Milestone that is Cloud Infrastructure Track and Cloud-Native Application Development Track learned to train ML Models in Cloud.
- Skills acquired: Deploy ML Models, Vertex AI, IOT in Cloud, Big-data queries.

HACKTOBERFEST 2022 | Open Source Contributor
Oct 2022 – Nov 2022 | Remote
- 40k out of 800k+ applicants chosen for HacktoberFest 2022.
- Contributed to a "Machine Learning" Project based on "Image Detection" which monitors the posture, reps, and sets of the subject during "Dead-Lifts".
- Tech Stacks Used: Python and MySql Modules and Frameworks: Tkinter, Pandas, Numpy, Open CV, Seaborn, Django, and Mediapipe.
- Skills acquired: Git and GitHub, Machine Learning, Python Automation.

GEEKS FOR GEEKS | Technical Content Writing Intern
Feb 2023 – Present | Remote
- 10 out of 1200+ applicants got selected for GFG Technical Writer.
- Published 30+ articles based on Cloud Computing, Linux, and Open Source.
- Got 2k+ reach on 20+ tutorial-based Articles published on Medium.com
- Skills acquired: Technical Writing, Linux Methodologies, Cloud Basics.

PROJECTS

HUFFMAN ENDEC PROJECT
Technologies Used: HTML, CSS, JavaScript
- Reached the compression rate of 43 percent on average.
- Based on Huffman Coding, a lossless, bottom-up compression Algorithm.
- Supports two functions Encode/Decode and can compress/decompress files.

DEADLIFTS COUNTER PROJECT
Technologies Used: Python, Tkinter, Mediapipe
- Built a dedicated User-Interface using Tkinter Library in Python.
- Added a function to reduce make time delay during video processing.
- Optimized the code by 2 percent via using Data Structure's Greedy algorithms.

ACHIEVEMENTS

ACADEMIC ACCOMPLISHMENTS
- Cracked IIT JEE Advanced '22, among the top 2 percentile candidates.
- Cracked WBJEE '22, among the top 1 percentile candidates appeared.