Hrishabh Raj

Computer Science & Engineering
I K Gujral Punjab Technical University
Contact : +91 7482817989

Portfolio : hr-x.netlify.app/
Bachelor of Technology
Male
iamhrishabhraj@gmail.com

Examination	University	Year	CGPA/%
Graduation	I K Gujral Punjab Technical University	2023	8.6

PROJECTS

• **OpenBlog : A Full Stack Blogging Application** (Apr'23-May'23)
  ◦ A full stack secure blog application which provides a robust and reliable platform for users to create, share, and interact with content, Real-time Chat, and Community while also ensuring the safety and security of user data.
  ◦ **Technology Used:** SpringBoot, ReactJs, ThymeLeaf, Material UI, Spring Security

• **Neural Image Caption Generation** (Sep'22-Nov'22)
  ◦ This project uses data from Flickr 8D dataset to explore various images to train the model for generating suitable captions for Image with the help of CNN(ResNet-50) and LSTM with OpenCV.
  ◦ **Technology Used:** Deep Neural Networks, ResNet50, OpenCV, CNN, Keras, Tensorflow

• **Rubik's Cube Solver** (July'19-Nov'19)
  ◦ This project was developed for learning purposes. It performs Thistle Thwaite's Algorithm based on Groups Theory. This program solves a Rubik's cube using axial metric by diving it into no. of groups.
  ◦ **Technology Used:** C++, Visualizer

TECHNICAL SKILLS

• **Programming & Scripting Languages**: C++, Python, Java, JavaScript, Golang, Databases (SQL, MongoDB)
• **Tools & Libraries**: SpringBoot, REST, React, AWS, Gin, Docker, Deep Learning, Data Analytics and Visualization

WORK EXPERIENCE & INTERNSHIPS

• **Software Development Engineer "Intern"** | **Omniful** (June'23-Aug'23)
  ◦ Contributed in development of Omniful Core (Order Management, Product and Sales Channel Services)
  ◦ Contributed in developing complete Return Management APIs from scratch in Golang

• **Associate Software Engineer "Intern"** | **Incture Technologies** (Feb'23-June'23)
  ◦ Contributed APIs in backend development of Intelligent Work Management with JAVA
  ◦ SAP Cloud Platform Integration Team

ACHEIVEMENTS

• **3* Codechef** - Competitive Coding
• **5* HackerRank** in Problem Solving, C++, SQL and Python
• Secured a **global rank of 99** among 17k+ participants in **DIV 2** contest on Codechef
• Faced around **500+** Advanded CP Problems

COURSEWORK and CERTIFICATIONS

• **Problem Solving** (Intermediate) – Data Structures
• **Machine Learning** with Python and Deep Learning
• **Ethical Hacking** with Python Scripting | CTFs
• **Networking** and Development in **Linux Environment**

Profiles : LeetCode | Codeforces | LinkedIn | GitHub

Area of Interest : Cybersecurity | Nano-Technology | Robotics | Astrophysics