ANIRUDH P K

Bengaluru, Karnataka, India · anirudhpkofficial@gmail.com · +91 9008058527 ·
https://anirudhpk01.github.io/

EDUCATION

PES University — Bengaluru
B Tech Computer Science *GPA: 8.8* — Dec 2022 - Dec 2026

RV PU College — Bengaluru
High School PCMC *GPA: 97%* — July 2020 - July 2022

Sudarshan Vidya Mandir — Bengaluru
Primary and Secondary School *GPA: 96.6%* — May 2010 - May 2020

WORK EXPERIENCE

Centre for Information Security ,Forensics and Cyber Resillience , PESU — Bengaluru
Research Intern in the domain of Quantum Cryptography — January 2024 - Present

- Research and familiarization at the bleeding edge of encryption and quantum cryptography

SKILLS

Web and App development:	MERN Stack , Flask , Python
C and C++ Programming:	C, C++
Object Oriented Programming:	Java
Git and Github:	Git
Data Analysis & Interpretation:	Python , Numpy , Pandas , MatplotLib

PROJECTS AND HACKATHON EFFORTS

Projfind *Node js, React js, Flask ,Mongo DB, Express*   https://github.com/ANANTH-SWAMY/projfind/
ProjFind is a project collaboration platform designed to assist university students in finding projects to collaborate on with other students.

ChatSocket *Socket Programming with socket.io*   https://github.com/ANANTH-SWAMY/socket-chat
Chat Socket Programming for Two Users: A network application developed using computer network principles facilitating real-time communication between two users via socket connections

Water Leak Detection with ML *React, Python ,HTML , CSS*   https://github.com/sujay1844/override
Crafting ML-powered Water Leakage Detection software to safeguard water supply infrastructure through advanced analytics

Water Body Conservation by detecting possible algal bloom using ML *Python, Flask, Scikitlearn, Pandas, NumPy, Matplotlib, HTML, CSS*   https://github.com/AnaghaV17/Water-conservation-Terrathon
Made use of IoT data to predict possibility of harmful algal blooms in water bodies. A full stack water body conservation web app through which input of IoT data of your water body gives you a detailed report card of possible algal bloom, potability ,and sub quality index of water. Used multiple ML models such as Random Forest Regressors to enforce the same

CleanSpace *React, Flask, Rust, Solana*   https://github.com/Icarus131/CleanSpace
Implemented a blockchain based web app that rewards citizens who clean the city and participate in cleaning drives, with crypto tokens whose value increases with more people collaborating to clean up the city.Social service enforced by a new gen incentive was our vision

AWARDS

MRD Scholarship — PES University
Awarded to the top 20% of the class — September 2023

Distinction Award — PES University
Awarded for 8+ GPA — February 2023 , February 2024

Certificate of Excellence — RV PU College
Awarded honoring outstanding efforts in achieving High Merit in various competitive exminations (KCET/JEE Mains/JEE Advanced) — September 2022