Rohit Krishnan

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leetcode.com/u/LordNydorf/ | https://lordnydorf.github.io/Portfolio/

EDUCATION

Amrita Vishwa Vidyapeetham, Amritapuri   Kollam, Kerala
Bachelor of Technology in Computer Science and Engineering   *Sep. 2021 – May 2025*

PROJECTS

POTD-NASA | *HTML/CSS, JavaScript, React, NASA APOD API*   Dec 2024 – Jan 2025
- Astronomy Picture of the Day App build using React.js and NASA APOD API

TodoList | *HTML/CSS, JavaScript, React*   Dec 2024 – Jan 2025
- CRUD Todo App build using React.js
- Hosted using Netlify

YouTube Playlist Duration Calculator | *Python, Flask, YouTube Data API v3*   Sep 2024 – Oct 2024
- Web application that calculates the total duration of all the videos in a YouTube playlist
- Built with Python and Flask on the backend, and HTML and CSS on the frontend
- Uses YouTube Data API v3 to fetch video data from the playlist

PPE Detection using Advanced ML Models | *YOLOv8*   Nov 2023 – Dec 2023
- Segmentation model used to find missing PPE kit equipments
- Compared accuracy with multiple versions of YOLOv8 to find most accurate one

TECHNICAL SKILLS

Languages: Python, Kotlin, Java, SQL (Postgres), JavaScript, HTML/CSS, Bash
Frameworks: React, FastAPI, LLaMA 3, YOLOv8, Flask, YouTube Data API v3
Developer Tools: Git, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Eclipse, Streamlit
Libraries: pandas, NumPy, Matplotlib, SFTTrainer, scikit-learn, Tensorflow

CERTIFICATES

Google IT Support Professional Certificate: Computer Networks, Operating Systems
Google Data Analytics Professional Certificate: Data Science, SQL, R Programming
A Beginner's Guide to Linux Kernel Development LFD103: Linux, Git, Open-Source
The Complete SQL Bootcamp: Go from Zero to Hero: SQL, PostgreSQL
Google Cybersecurity Professional Certificate: Python, SQL, SIEM Tools
The Complete Full-Stack Web Development Bootcamp: HTML/CSS, JavaScript, React
Natural Language Processing: Machine Learning, LLMS, Language Models, Deep Learning

EXTRACURRICULAR ACTIVITES

Community Head | *Amrita eSports Community*   Aug 2023 – June 2024
- Conducted multiple events during tenure and expanded to other Amrita institutes
- Improved member retention and recruited new members, increasing number of members by 300%

Coordinator | *CryptoCon(Vidyut '23)*   Mar 2023 – May 2023
- Coordinated the most profitable event in the multi-fest, around 100 participants
- Conducted Kerala's first crypto-trading competition

COMMUNITY OUTREACH

Ctrl+Alt+Secure | *Student Social Responsibility Project*   Apr 2023 – Nov 2024
- Conducted a cybersecurity awareness workshop for 100+ middle school students

Boy Scouts | *Scouts and Guides Guild*   May 2015 – Feb 2018
- Part of the Boy Scouts for 3 years. Participated in multiple cleanup drives and fundraising events