Yuvraj Singh Chauhan

Backend Developer | Open-Source Contributor

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SUMMARY

I began coding in Class 6 with C, igniting my passion for computer science. My interest in Artificial Intelligence grew after watching Google I/O in 2017. I've since completed Harvard's CS50, developed various projects in Python and C, created a Python-SQL interface, built a YouTube videodownloader, and explored the Linux kernel. Proficient in C and Python, I also have knowledge of C++, HTML, CSS, Rust, Java, and JavaScript. I focus on projects that automate tasks or create public impact.

EDUCATION

Podar International School Ahmedabad

Grade 4 - Grade 12
2014

Indian Institute of Information Technology, Una

Bachelor of Technology in Computer Science and Engineering (Cyber Security)

SKILLS

- **Software Development**: Experience in building applications using Python and C.
- **Artificial Intelligence**: Enthusiastic about AI concepts and their applications.
- **Linux Proficiency**: Familiarity with Linux kernels and system architecture.
- **Project Management**: Leadership experience in managing tech projects and labs.
- **Open-Source Contribution**: Active participation in open-source projects and community engagement.

CERTIFICATIONS

- **LinkedIn**: CompTIA Security+ Cert Prep: 2 Threats, Vulnerabilities, Mitigations
- **MeitY | DBRA NIT Jalandhar**: Dronetech : Exploring Drone technology ethics and applications
- **AWS Training and Certification**: Introduction to AWS Organizations

EXPERIENCE

Member

AAVESH IIIT Una - The Technical Club | September 2024 - Present

Contributor and Repository Maintainer

Hacktoberfest | October 2022

ATL Student Lead

Podar International School Ahmedabad | 2022-23

- Worked on hardware projects individually and as a team under the guidance of my Physics teacher.
- Learned how to work with different types of hardware resources and lookup documentation and manufacturer specification to create circuits and connections.
- Encouraged young kids and showcased our projects and explained their working to them.

IT Captain

Podar International School Ahmedabad | 2021-22

PROJECTS

YTMate

Created a Python Script to download YouTube videos and playlists.

Ultrasonic Radar

Created an ultrasonic radar system in Atal tinkering lab.

Python-SQL Connector

Created a graphical interface to run SQL queries.
Used tkinter and MySQL

Programming Duck

Inspired from the programming duck theory, I created a program called "DUCK", which I am using for my website to publish my thoughts while working.