Ayush Suryavanshi

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EDUCATION

Samrat Ashok Technological Institute Vidisha,   2021 – 2025
Bachelor of Technology in Internet of Things (B.Tech) ; CGPA : 7.49   India

Govt. Prabhavati Manekar Higher Secondary School   Chhindwara, India
Madhya Pradesh Board of Secondary Education ; 84.8 %

Govt. Prabhavati Maneker Higher School   Chhindwara, India
Madhya Pradesh Board of Higher School Education; 82.8 %

SKILLS

Advanced :
Python Programming | Data Visualization | Statistical Analysis

Intermediate :
Machine Learning | Deep Learning | Arduino Programming | Microsoft Azure

Beginner :
DSA | NLP | SQL | MongoDB | Pandas | NumPy | Matplotlib | Seaborn

Tools :
PowerBI | Tableau | Git | GitHub | Google Analytics | TensorFlow

INTERNSHIPS

Physics Wallah Private Limited, Machine Learning Project Intern 🔗   Feb 2024 – May 2024
During my internship at Physics Wallah via PW Skills, I developed a thyroid disease prediction model using   India
the UCI dataset. I trained multiple classifiers, with XGBoost performing best, and deployed the model as a
Flask web app on Microsoft Azure for scalable, accessible predictions.

Raymond Private Limited, Summer Intern in Information Technology Department 🔗   Jun 2023 – Jul 2023
During my internship at Raymond Limited, I worked on the "Smart Door Lock" project, gaining experience   Chhindwara, India
in embedded systems and IoT. I also developed a visitor management web page, sharpening my software
development and problem-solving skills while contributing to the company's growth.

All India Council for Technical Education (AICTE), AICTE-Idea Lab Student Intern 🔗   Dec 2022 – Jan 2023
During my AICTE Idea Lab internship, I created an Anti-Sleep Alarm System for drivers, using eye-tracking   Vidisha, India
and head position sensors to detect fatigue and trigger alerts. This project, built with Arduino and MQTT,
sharpened my IoT, real-time data processing, and teamwork skills.

CERTIFICATES

- Artificial Intelligence Builder 🔗
- Raymond Limited Internship 🔗
- AICTE Internship Certificate 🔗

PROJECTS

Diabetes Prediction ML Project, Machine learning and Python 🔗   Dec 2023 – Jan 2024
- Develop and optimize SVM regression to predict diabetes risk.
- Deploy on the cloud for scalable, real-time healthcare predictions.

Thyroid Disease Detection Project, Machine Learning 🔗   Feb 2024 – Apr 2024
- Classify thyroid disorders using machine learning with Random Forest, XGBoost, and KNN algorithms.
- Deploy the best-performing XGBoost model with Flask-based UI on Heroku for user accessibility.

Car Number Plate Detection Project, Data Science 🔗   Jun 2024 – Jul 2024
- Developed a real-time number plate detection system using OpenCV and Python.
- Optimized accuracy and speed for security and traffic applications.

Smart Attendance System, Data Science 🔗   Jul 2024 – Aug 2024
- Developed a Smart Attendance System using facial recognition with OpenCV and Python.
- Automated attendance tracking for accuracy and efficiency.

POSITIONS AND RESPONSIBILITY

Student Coordinator of Technical Club FLUX,
Organize and manage FLUX events, impacting over 300+ students through effective event coordination and leadership.

Google Developer Student Club Member in 2023,
Mentor and guide 200+ students in our college, fostering their technical skills and promoting engagement with Google technologies.

ACCOMPLISHMENT

- I have completed over **20+ projects in Data Science and IoT Development**, showcasing diverse expertise.
- Solved **300+ problems on LeetCode**, highlighting strong problem-solving skills and proficiency in algorithms.
- Selected for **Google Solution Challenge 2024**, aligning projects with the UN's Sustainable Development Goals using Google tech.
- Certified through **NVIDIA**, skilled in Machine Learning and Data Science.
- Certified through **Google Arcade Challenge**, skilled in cloud deployments on AWS, Google Cloud, and Azure.