

AVNISH KUMAR

Aspiring Data Science Professional

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SUMMARY

I am an aspiring Data Science professional proficient in Python, SQL, and Java, with strong skills in Machine Learning, Data Analysis, and Cloud Computing. My experience includes developing innovative projects and utilizing technology for effective automation and problem-solving.

EDUCATION

B.Tech in Computer Science and Engineering (Data Science)

Greater Noida Institute of Technology

08/2023 - 06/2026 Greater Noida

Diploma in Digital Electronics

Ambedkar Institute of Technology

08/2020 - 06/2023 Delhi

Class X

S.K Mother International School

04/2013 - 03/2020 Muzaffarpur, Bihar

PROJECTS

Employee Management System

11/2024 - 11/2024

Employee Management System

- Developed an Employee Management System in Python with an SQLite database, enabling adding, viewing, updating, and deleting employee records through a CLI interface

Smart Home Security System

04/2024 - 04/2024

Smart Home Security System

- Designed a microcontroller-based security system with motion, door/window, and smoke sensors to process data and trigger alarms

Traffic Light System Using Arduino

06/2022 - 06/2022

Traffic Light System Using Arduino

- Created a simulated traffic light control system for automation and smart traffic management

Drishtikone

Drishtikone – AI Eyes for the Visually Impaired

- Developed an AI web app using YOLOv8 & Web Speech API to guide visually impaired users in Hindi, with no installation needed

KEY ACHIEVEMENTS

★ Research Publication

Published a research paper titled 'Fault Diagnosis Algorithm for Power Supply Lightning Protection Online Monitoring System'

★ Best Project Award

Awarded Best Project in the department during B.Tech 3rd semester

SKILLS

Language

Python SQL Java HTML

CSS

Technical Tools

Microsoft Power BI GitHub

Jupyter Notebook Git