

AAYUSH PANCHAL

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Data Analyst | Python & SQL | AI & ML

Ahmedabad, Gujarat



EDUCATION

Adani Institute of Digital Technology & Management (AIDTM)

Post Graduate Diploma & Management (PGDM) in Big Data Analytics, 2026

Institute of Computer Technology, Ganpat University

B.Tech Computer Science & Engineering with Specialization in (Big Data Analytics), 2024
7.5 CGPA

SKILLS

- Python Language
- Microsoft Power BI
- MySQL & NoSQL
- AI & ML Algorithms
- Database Management
- Hadoop & MongoDB
- Apache Spark
- Scala & Databricks
- AWS Services
- GCP (Google Cloud Platform)
- Google Big Query
- Django & Flask
- HTML & CSS
- Figma & Bootstrap
- Adobe Photoshop & Premier Pro

CERTIFICATIONS

- Completion of BOSS Linux Training offered by IIT Bombay. (2021)
- Completion of RDBMS PostgreSQL Training offered by IIT Bombay.(2021)
- Hadoop & Big Data Course and Training offered by IBM(2021)
- Apache Spark & MongoDB Course and Practical's offered by IBM.(2022)
- Predictive Analysis using SPSS Modeler (Foundation & Advanced).(2022)
- Completion of Tableau offered by Udemy. (2023)
- Completion of Data Science & Machine Learning using R offered by Udemy.(2023)
- Completion of Web Development Bootcamp offered by Udemy.(2023)

EXPERIENCE

Data Analyst

ADANI GREEN ENERGY LIMITED | Jan 2024 - Present

- I've worked as an Python, SQL & POWER BI Developer in ADANI GREEN ENERGY LIMITED.
- I've created a Machine Learning Models for predicting energy production, optimizing resource allocation, and enhancing overall efficiency with the help of various Machine Learning Algorithms.
- I've created a Power BI Dashboards insightful data visualization and analysis with the help of Power Apps.
- Also Worked on SQL and GCP (Google Cloud Platform) services to enhance data processing and analysis workflows.

SEO Executive

AEON Web Technology | May 2022 - Oct 2022

- I've worked as an SEO Executive in Aeon web technology.
- I ranked many websites by using various tools of SEO such as SEMRUSH and Google Analytics.

Frontend Developer

ByteBox Solutions | July 2021 - Oct 2021

- I've worked as a Frontend developer in ByteBox Solutions.
- Created various Frontend for Websites using HTML, CSS, JAVASCRIPT and BOOTSTRAP.
- Also Worked on FLASK for Connecting Machine Learning Models to Websites.

PROJECTS

- Designed and developed project given by **IBM** to create a **Cybersecurity Portal** to manage servers and firewalls, incorporating **AI and ML** algorithms for enhanced security. Implemented machine learning models to predict threats, seamlessly integrating them with the frontend using **Flask** for an intuitive user experience.
- "Utilized **Power BI** to craft dynamic dashboards, collaborating with **Power Apps** & SharePoint to enable direct data manipulation. Developed a Power App form for seamless data input, eliminating the need for manual dataset adjustments. Leveraged **Power Automate** for automated workflows, streamlining data management processes."
- "Developed **Predictive Model** using **IBM SPSS Modeler**, proficiently collecting, cleaning, and modeling data. Conducted rigorous training and testing to ensure optimal accuracy and performance."
- "Designed and implemented a **Cognitive Assistant** using AI and ML algorithms, integrating NLP, pattern recognition, and cognitive computing frameworks. Delivered human-level language responses for effective communication and interaction."