

ANANYA PRASAD

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Objective

Motivated and detail-oriented engineering graduate seeking an entry-level position where I can apply my academic knowledge, technical skills, and problem-solving ability in a professional environment. Eager to learn from real-world projects, contribute to team success, and grow with the organization while continuously improving my skills and industry understanding

Skills

Programming and scripting: Python (Core and advance), SQL

Libraries and Frameworks: Pandas, NumPy, Matplotlib, Seaborn, OpenCV

Database and Querying: MYSQL, PostgreSQL, Oracle SQL Developer **Concepts:** Data Analysis, Data Cleaning, Data Visualization, OOPs, Exception Handling, File Handling

Version Control and Tools: Git, GitHub, Google Sheets, MS-Excel, PowerPoint, Power BI **Soft Skills:** Analytical Thinking, Problem-Solving, Team Collaboration, Time Management

Professional Experience

Software Intern

July 2025 – September 2025

CarCID (Remote)

Tools Used: WordPress

- Contributing to software development tasks and website development using WordPress
- Collaborating with the team on real-world projects, gaining hands-on industry exposure.

Projects

Driver Drowsiness Detection and Automated Speed Control

(Python)

- Developed a real-time drowsiness detection system using Python, OpenCV, Mediapipe, NumPy with eye-blink and yawn analysis.
- Applied computer vision + ML concepts (facial landmark tracking, feature extraction, threshold-based classification).
- Integrated Python–Arduino (PySerial) to trigger PWM-based speed control using Arduino Uno, L298N, relay module.

Employee Attendance and Behaviour Analysis System (Data Analysis, Python, Pandas, NumPy, Matplotlib)

- Processed raw attendance logs by cleaning timestamps, handling missing values, and standardizing formats using Python, Pandas, NumPy.
- Computed daily working hours, late entries, early exits, and identified leave and absenteeism trends.
- Performed EDA to detect behaviour patterns, anomalies, and department-wise productivity insights.
- Generated automated charts and summary reports using Matplotlib to support data-driven decision-making.

Fitness and Nutrition Management System

(SQL)

- Designed a relational database to manage user fitness profiles, diet plans, workout schedules, and progress tracking.
- Performed data modeling, table creation, and relationships using SQL.
- Executed complex queries to analyze calorie intake, workout frequency, BMI trends, and weekly progress.
- Implemented JOINS, subqueries, aggregate functions, views, and constraints for clean, structured data handling.
- Generated insightful reports on user performance, nutritional balance, and fitness goal achievement.

Certifications

- **Data Analytics – GeeksforGeeks: NationSkillUp Program (In Progress):** Learning data cleaning, EDA, SQL, dashboards, and analytics problem-solving through industry-oriented modules..
- **Oracle Cloud Infrastructure 2025 – Generative AI Professional** Demonstrated skills in GenAI model deployment, prompt engineering, and OCI AI services.
- **Oracle Cloud Infrastructure 2025 – AI Foundation Certificate:** Covered AI/ML fundamentals, model lifecycle, cloud automation, and OCI AI tools.

- **TATA GenAI Job Simulation – Forage** : • Completed tasks on AI-driven insights, structured prompts, and business use-case analysis.
- **Deloitte Data Analytics Job Simulation – Forage** : Practiced data cleaning, visualization, and stakeholder-focused analytics reporting.

Education

Inderprastha Engineering College, Ghaziabad

2021 – 2025

- B.Tech in Electronics and Communication Engineering
- CGPA: 6.02

Modern School, Vaishali

2020 –2021

- Class 12 (CBSE)
- Percentage: 68%

Extra Curricular Activities

Founder of the Standards Club associated with the Bureau of Indian Standards (BIS).

President of the Official Dramatics Society of IPEC "Inaayat" and the Official Literary Society "Essence of Life".

Won multiple theatre and street play competitions at Asia's biggest Med Fest — AIIMS PULSE.