ADITYA PAL

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PROFESSIONAL SUMMERY

Aspiring Information Technology student with a focus on Web Development, Software Development, and SQL Engineering. Know Core Java, SQL, ASP.NET, MSSQL, DBMS, HTML, and CSS. Also good in problem-solving, error-finding, and time management skills. Committed to continuous learning and growth. Seeking an entry-level position to kickstart a career in IT, where my basic to intermediate skills can be used and leveraged for the benefit of an innovative team.

EDUCATION

Shri Ram Murti Smarak College of Engineering & Technology, Bareilly   **Nov 2021 - Present**
Bachelor of Technology: Information Technology

Sri Siddhi Vinayak Polytechnic College, Bareilly   **Aug 2018 – Oct 2021**
Diploma with Honors: Information Technology

Padmawati Academy, Bareilly   **May 2018**
Intermediate (10+2): PCB

Kendriya Vidyalaya AFS, Bareilly   **May 2015**
High School (10)

EXPERIENCE

Inter/Trainee: ARIS CELL, IVRI, Bareilly   **July 2023 - August 2023**

- As an ASP.NET Developer I Developed and implemented a web-based project management and tracking portal for IVRI, resulting in a 40% increase in team productivity and a 25% reduction in project completion time.
- Created a robust MSSQL database to support the project management portal, enabling seamless data storage, retrieval, and analysis, leading to improved decision-making and streamlined workflows.

PROJECTS

Covid-19 Dashboard   **Dec 2020 – Dec 2021**

- This is a Python-based project for Data Visualization.
- In this project I use the Open-Source Datasheet of COVID-19 records by the John -Hopkins – CSSE.
- I use the Python libraries like NumPy, Plotly, and Django (for web).
- In this project you can get the No. of patients Recovered, Diagnosed with the disease and Deaths on a regional level.

Movie Review Web Application   **May 2022 – Nov 2022**

- This is an HTML, CSS, PHP-based web application.
- In this web Application many shows and movies are listed the users can read about the movie, add their feedback, read other's reviews and also tag their favourite movies.
- For the backend we use PHP, frontend I use HTML, CSS and Bootstrap, the database is MySQL and for the localhost we use the XAMP(Apache).

Quiz Engine System Application   **March 2023**

- This is a Core Java Based System Application.
- In this application the faculty user adds the quiz and reviews the marks of the students and the student user attempts the quiz.
- For the backend I use Core Java, frontend I use the AWT, and the database is MySQL.

Automated water Irrigation   **April 2023 – May 2023**
- This is an IoT-based project.
- This system is basically for the home pots which are based on the moisture in the soil the irrigation starts itself, it reduces the human effort in planting and also helps in limiting the use of water and avoiding excessive water use.
- I use components like Arduino Uno, Moisture sensor, relays and the water pump and for logic implementation, I use the Python programming language.

Project Management Portal   **July 2023 – August 2023**
- This is an ASP.NET-based Based Web Application.
- This system is for the Research Application Management/ Project Management within the organization. This Reduces the manual paperwork and speedup the entire process
- For the backend I use SQL and C#, frontend I use HTML, CSS, JS, and ASP Tags and the database is MSSQL.

RESEARCH PAPER

Survey on Challenges and Strategies During & Post Pandemic in India
- Presented at 4th International Conference EICBI'23 on Emerging Challenges & strategies in Post-Pandemic & Regional Conflict Era in SRMS CET, Bareilly.
- Published in Bizcraft- Journal of Faculty of Management Science, SRMSCET, Bareilly, ISSN: 2231-0231, Vol. 16 No.1.

PATENT

Title of Invention: IoT-Based Automatic Tyre Killer Speed Breaker System
Field of Invention: Communication
Description: Developed and patented an innovative IoT-based Automatic Tyre Killer Speed Breaker System designed to enhance road safety and traffic management. The invention leverages cutting-edge communication technologies to provide real-time control and monitoring capabilities. This solution not only addresses the challenges associated with conventional speed breakers but also incorporates intelligent communication modules for seamless integration with smart city infrastructure. The system is poised to revolutionize traffic management by promoting a safer and more efficient transportation environment.

SKILLS

- Core JAVA – Basic	- HTML – Intermediate	- Problem Solving
- SQL – Intermediate	- CSS – Intermediate	- Time Management
- DBMS – Intermediate	- MSSQL SMS – Basic	- Creative Thinking
- ASP.NET Web Forms – Basics	- IoT – Basics	- Leadership

SCORE CARD

TCS NQT: IT   **27th Apr 2023 - 26th Apr 2025**
- TCS ION
- Percentage:77

CERTIFICATIONS

- **Python (Basic)** From HackerRank   **22 Jan, 2022**
- **Problem Solving (Intermediate)** from HackerRank   **26 Jan, 2022**
- **Full Stack Developer** from IIT Kanpur Technology   **22 Nov, 2022**
- **SQL (Intermediate)** from HackerRank   **17 Aug, 2023**
- **JSE (JAVA Std. Edition)** from E-School, Bareilly   **16th Feb 2023 – 15th May 2023**