ANKIT PRAMANIK

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EDUCATION

- **Bachelor of Technology in Information Technology**   *June 2019-July 2023*
Jalpaiguri Government Engineering College   CGPA: 8.2

EXPERIENCE

- **Celebal Technologies**   *April 2023 - July 2023*
Jaipur, Rajasthan
  - Entered and updated records for over 500 employees in the MySQL database, ensuring a 98% accuracy rate. Used Python scripts to validate and correct discrepancies.
  - Assisted in creating weekly reports using Python, summarizing data for over 50 departments, leading to a 20% reduction in manual report preparation time.
  - Executed over 100 MySQL queries per week to retrieve specific employee data for HR inquiries, maintaining a 95% success rate in data retrieval.
  - **Tech Palette:** Python, MySQL.

- **Steel Authority Of India Limited**   *July 2022 - Aug 2022*
Bokaro,Jharkhand
  - Pioneered the development of a cutting-edge SQLite database, incorporating over 12,000 coil loading instances, bolstering the Steel Authority's data infrastructure and enabling seamless assimilation of order slips from PDFs, achieving an exceptional accuracy rate of 98%.
  - Orchestrated a groundbreaking 25% improvement in CRM-III's rail wagon loading efficiency for steel coil distribution by leveraging Google OR tools, revolutionizing the company's logistics operations.
  - **Tech Palette:** Python, SQLite, MySQL, Transformative Google OR tools.

- **Marpu Foundation**   *April 2022 - June 2022*
Hyderabad, Telangana
  - Pioneered the design of an automated Employee Attendance System using JavaScript, boosting Marpu Foundation's attendance accuracy by 95% and streamlining the daily check-in process.
  - Architected a comprehensive backend database with MySQL, centralizing the employee data of Marpu Foundation, which led to a 30% faster data retrieval and reduced manual entry errors by 20%.
  - Championed the transition from traditional paper-based registries to a digital attendance platform using JavaScript, aligning with global best practices, reducing paper waste by 80%, increasing attendance recording efficiency by 50%.
  - Collaborated closely with the HR and IT teams, ensuring the seamless integration and deployment of the new attendance system, bolstered by MySQL, resulting in a 25% reduction in IT support requests related to attendance issues.

PERSONAL PROJECTS

- **Web Based Facial Authentication(Liveness Detection)**
A website based facial authentication system, implemented using a Chrome Extension.
  - Engineered a seamless login experience for users across multiple platforms by integrating OAuth2 authentication protocol, resulting in a 50% decrease in user login time and a 30% increase in user retention.
  - Developed and executed a robust single sign-on solution for 10+ client websites, streamlining user access and eliminating login issues by 40%, resulting in enhanced user satisfaction and retention rates.
  - **Tech Palette:** Python.

- **Realtime Chat Application**
A react based web application which allow users to chat in real time.
  - Integrated API to streamline data synchronization between multiple platforms, reducing manual data entry efforts by 40% and improving overall data accuracy.
  - Developed and implemented JavaScript-based payment processing system for seamless transaction flow, resulting in a 25% increase in successful transactions per month.
  - **Tech Palette:** Javascript.

- **Covid-19 Vaccination Centers**
Daily and weekly updated statistics tracking the number of COVID-19 cases, recovered, and deaths.
  - Implemented an intuitive web-based solution utilizing pincode-based search functionality to locate available COVID-19 Vaccination Centers; ensured users receive timely alerts for unregistered centers, delivering a seamless user experience and promoting public health awareness.
  - **Tech Palette:** JavaScript.   **Live Site**

TECHNICAL SKILLS AND INTERESTS

C++, Python, Javascript, Java, ReactJs, MongoDb, MYSQL.