Aniket De

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BIO

Computer Science Engineering student with a strong academic foundation (GPA 8.99) and hands-on experience in software development, web technologies, and machine learning. Demonstrated leadership as a hackathon team leader, delivering full-scale projects and prototypes under real-world deadlines. Skilled in Python, React, Flask, and cloud technologies, with a deep understanding of database management and real-time data processing. Passionate about innovation, problem-solving, and continuous learning, with a keen interest in building scalable, user-centric solutions. Actively seeking opportunities to apply technical skills and creative thinking in dynamic and challenging environments.

EDUCATION

B.P. Poddar Institute of Management and Technology
Current GPA – 8.99

Baranagore Ramakrishna Mission Ashrama High School
Class XII – 85.8%

Ramakrishna Vivekananda Mission Vidyabhawan
Class X – 90.1%

EXPERIENCE

Community Lead at Repository   Apr. 2025 - Present
Freelance   *Kolkata*
- Organized and led community events, workshops, and hackathon prep sessions.
- Collaborated with tech, outreach, and marketing teams to grow community engagement.

Team Leader at Hackathon Team ERROR503!
BPPIMT   Sep. 2024 - Present
- Successfully cleared Internal Hackathon organized for SIH2024   *Kolkata*
- Attended 7 Hackathons & made numerous prototypes
- Made to the FINALS of AIgnite 2025 and ranked #37 out of 250+ Teams

Junior Technical Lab Assistant
RKVM   Jan. 2019 - July 2021
- Gained various fundamental knowledge   *Barrackpore*
- Learned Word, PowerPoint, Excel etc. in an advanced level
- Helped many classmates in their doubt-solving and learning

PROJECTS

Coal Mine LCA Web App | *Javascript (leaflet , react), HTML/CSS, Python*   Sept. 2024 – Nov. 2024
- Designed and implemented a user-friendly interface to collect data from users and integrate real-time sensor data.
- Created a dynamic database feature to display datasets of various Indian coal mines, with interactive functionality.
- Integrated PostgreSQL for managing user data, historical trading data, and model results
- Deployed the application on Render, ensuring high availability and seamless user experience.

Trade Yogi | *Python, Flask, Javascript, HTML/CSS*   Nov. 2024 – Mar. 2025
- Developed a platform using Flask to serve backend machine learning models for predicting profit/loss probabilities.
- Designed an intuitive React-based frontend to visualize trading insights and prediction results.
- Utilized MongoDB Atlas for efficient data storage and retrieval, ensuring scalability and security.
- Implemented real-time data processing pipelines for accurate and timely predictions.

Shelf Master | *Python, MySQL, Tkinter*   Jan. 2025 – Feb. 2025
- The system allows users to add new books, register users, issue and return books, and search for available titles efficiently.
- All data is stored in a MySQL database, ensuring real-time updates and centralized access for multiple users.

- A graphical user interface built with tkinter makes the system easy to navigate and use.
- Designed a scalable and adaptable approach for future enhancements like authentication and reporting.

LokSeva | *React, Supabase, NodeJS, TailWind*   Mar. 2025 – Apr. 2025
- Developed a centralized website to integrate multiple municipalities across West Bengal, making public services accessible from a single portal.
- Built a user-friendly feature for citizens to file complaints, track their status, and receive timely updates directly from municipal authorities.
- Designed an easy navigation system for users to select their municipality and access critical local information like offices, services, and contacts.
- Added a dedicated helpline section to connect citizens instantly to emergency and essential municipal services.

TECHNICAL SKILLS

- **Languages:** Python, C, C++, JavaScript, HTML, CSS
- **Frameworks/Libraries:** React, Tailwind, Leaflet, Pandas, NumPy, Matplotlib
- **Databases:** MongoDB, MySQL, Supabase
- **Developer Tools:** GitHub, VS Code, Google Cloud Platform, Render, Vercel
- **Machine Learning:**

  - **Algorithms:** Linear Regression, Logistic Regression, Decision Trees, Random Forests, Support Vector Machines (SVM), K-Nearest Neighbors (KNN), K-Means Clustering

  - **Deep Learning:** LSTM Networks (Long Short-Term Memory), Neural Networks (ANNs), basic CNN concepts

EXTRA-CURRICULAR ACTIVITIES

- Actively participated in football tournaments, fostering teamwork, leadership, and strategic thinking.
- Passionate about photography, skilled in capturing moments and editing photos using tools like Adobe Lightroom.
- Enthusiastic traveler, exploring diverse cultures and landscapes, which has enhanced adaptability and a global perspective.