



PARTHA DEY

SUMMARY

Final-year Master of Computer Application (MCA) student at Brainware University, passionate about leveraging data, technology, and user-centric design to build innovative solutions. Eager to apply academic knowledge and hands-on skills to create meaningful impact through data-driven and technology-enabled approaches. Actively seeking opportunities to contribute to projects that combine creativity, usability, and impactful results.

CONTACTS

+91 - 9062681888
parthakrde@gmail.com
<https://www.linkedin.com/in/parthakrdey>
<https://github.com/Parthadee>
Kolkata, West Bengal, India

SKILLS

Technical Skills

Python (Pandas · Numpy · Matplotlib · Seaborn · Scikit-learn) · SQL (MySQL · PostgreSQL · MongoDB) · Alteryx · AWS (EC2 · S3 · Lambda · Elastic Beanstalk) · MS Office Suite (Excel · Word · PowerPoint) · Operating System (Windows · Linux)

Soft Skills

Communication · Interpersonal Skills · Team Collaboration · Problem-Solving · Adaptability · Time Management

CERTIFICATIONS

- Data Analytics Certification (2024)**
Link:
https://drive.google.com/file/d/14dUKS1jTWuHpmJNcp5WgeLcllO8k2tLi/view?usp=drive_link
- SQL Certification (2023)**
Link:
https://drive.google.com/file/d/1isk0jYL3hatY03ZlgvyqBSJJUKejMJxk/view?usp=drive_link

LANGUAGES

ENGLISH Proficient ●●●●●
HINDI Proficient ●●●●●
BENGALI Native ●●●●●

EXPERIENCE

- Brainwave Matrix Solutions** Noida, Uttar Pradesh
Data Science & Analytics Intern 03/2025 - 05/2025
- Conducted secondary research and data validation using Python and Excel for ETL pipeline testing
 - Developed interactive Power BI dashboards to visualize operational KPIs for business stakeholders
 - Automated data preprocessing workflows using Pandas and NumPy to increase efficiency by 30%
 - Worked in an Agile environment, participating in sprint planning and code reviews
- https://drive.google.com/file/d/1rFlyDo86wm0Gsi5kBPb642BKqRS_gY/view?usp=sharing
- WebGuru Infosystems Pvt. Ltd** Kolkata, West Bengal
AWS Solution Architect Internship 11/2024 - 01/2025
- Migrated data from on-premise systems to AWS S3 with focus on accuracy and data compliance
 - Deployed AI-based solutions using AWS EC2, Lambda, and Elastic Beanstalk
 - Conducted unit tests on cloud deployments to validate scalability and architecture standards
- <https://drive.google.com/file/d/1GXKnqjGXxqUqDPna2a2LDglb2E21eXEc/view?usp=sharing>

PROJECTS

- Diwali Sales Prediction** 02/2025 - 04/2025
- Designed ETL pipeline using Python and SQL to support data-driven marketing strategy
 - Performed automated validation and testing to ensure dashboard data integrity in Power BI
 - Provided actionable insights through predictive modeling to support business growth
- <https://github.com/Parthadee/Diwali-Sales-Analysis-Prediction.git>

EDUCATION

- Brainware University** Kolkata, West Bengal
Master of Computer Application 08/2023 - Present
GPA | 8.42 / 10.0
- Narula Institute of Technology** Kolkata, West Bengal
Bachelor of Technology, Civil Engineering 08/2018 - 07/2021
GPA | 7.46 / 10.0
- Narula Institute of Technology** Kolkata, West Bengal
Diploma in Engineering, Civil Engineering 08/2015 - 09/2018
GPA | 7.0 / 10.0

COURSES

- JSpiders - Training & Development Center** 02/2022 - 04/2023
Java Full-stack Developer
- I upskilled through professional training in Java Full Stack Development at JSpiders – Training & Development Center, where I gained hands-on experience in Core Java, J2EE, Spring, Hibernate, SQL, and RESTful APIs. I also built responsive web applications using HTML, CSS, JavaScript, and Bootstrap, and strengthened my backend development, database design, and problem-solving skills through real-world projects and coding challenges.