Arijeet Das

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EDUCATION

University of EngineeringandManagement, Kolkata

Bachelor of Technology in Computer Science and Engineering - 8.02   Expected 2026

St. Joseph's Convent H.S. School (CBSE), Chittaranjan

Class 12 CBSE - 73%   2020 - 2022

D.A.V Public School, Rupnarayanpur

Class 10 CBSE - 82%

PROJECTS

Expense Tracker Application ↗   Jan 2025 - Mar 2025
- **Built** an **Expense Tracker App** using the **MERN stack** with **JWT authentication**.
- Enabled tracking of **income**, **expenses**, and **category-wise transactions**.
- Added **Excel export** for better **usability** and **data portability**.
- Designed a **responsive dashboard** with **React**, **Chart.js**, and **custom CSS**.

CareerPath AI – highlights intelligent job/course recommendations ↗
- **Built backend** for **CareerPath AI** using **Flask** and **MongoDB**.
- Developed **recommendation systems** for **courses**, **videos**, and **jobs**.
- Created a **roadmap generator** for skill development.
- Added **multilingual support** to enhance **accessibility**.

SKILLS

Programming Languages: C/C++, Python, Java, Shell Scripting
Web Development: HTML5, CSS3, Javascript
Database Management: MongoDB, MySQL, Firebase
AI/ML Technologies: Pandas, NumPy, Scikit-learn, OpenCV
Deployment & DevOps: Render, Netlify, GitHub Actions,Git, GitHub
Operating Systems: Windows, Linux

WORK EXPERIENCE

Innovation and Entrepreneurship Development Cell , UEMK

Intern   Jun 2024 - Aug 2024
- **Completed a 6-week internship** at **IEDC Lab**, developing a **Smart Traffic Optimization System** to reduce **carbon emissions** and improve **traffic flow**.
- Used **YOLO** and **OpenCV** for real-time **vehicle detection** and **classification**.
- Integrated **SUMO** to simulate traffic scenarios and optimize **signal timings**.
- Built a combined **computer vision** and **traffic simulation** system for sustainable **urban transport infrastructure**.

ACHIEVEMENTS

- **Secured 2nd Place** at the **AI Hackathon** hosted by **RKMVERI**, showcasing innovative use of **AI technologies**.
- **Ranked Top 6 finalist** in the **ICDMAI National Hackathon**, demonstrating strong **problem-solving** and **teamwork** skills.