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Debasish Mahata

LinkedIn | GitHub | Portfolio

Technical Skills

- **Programming Languages:** Python, C, JavaScript
- **MERN Stack:** HTML5, CSS3, Tailwind CSS, JavaScript, MongoDB, Express.js, React.js, Node.js
- **Design:** Figma
- **Database:** MongoDB
- **API & Testing:** FAST APIs
- **Dev-Tools:** Git, GitHub, VS Code
- **Frameworks & Libraries:** NumPy, OpenCV, Django, Pytorch

Experience

Open-Source Contributor – Various Projects   *Oct 2024 – Nov 2024*

- Contributed to open-source React and web-based projects by optimizing performance and improving UI components.
- Fixed bugs and enhanced functionalities in community-driven repositories.
- Implemented lazy loading and performance optimizations, reducing load time by 30%.
- Collaborated with maintainers to review and merge pull requests efficiently.
- Gained experience in Git, GitHub, and collaborative software development workflows.

Projects

AI-Powered Content Creation Platform [Live]   *React — Node.js — Express.js*

- Content Generation: AI Article Writer,Blog Title Generator
- AI Image Generator (Premium), Text-to-image Background Removal, Object Removal.
- Professional Tools: Resume Review, PDF Processing Extract and analyze resume content.
- Modern UI/UX: Responsive Design, Loading States, Error Handling, Smooth Animations.

Face-Based Student Attendance System [Source Code]   *Django — Pytorch — Opencv*

- Register students with face image capture.
- Live attendance marking via webcam or IP camera.
- Admin dashboard for managing users, attendance, and camera configs.
- Attendance check-in/check-out with duration calculation
- Downloadable attendance reports (CSV).

Achievements & Certificates

- Taught C / DSA fundamentals to 15+ students offline (Oct – Mar 2025).
- Hacktoberfest 2025:Super contributor [Link].
- Completed Full Stack Web Development from Apna College [Link].

Education

- **Bankura Unnayani Institute of Engineering**   Nov 2021 – June 2025
  B.Tech in Computer Science and Engineering, MAKAUT **CGPA: 7.77/10**

- **Programming MOOCs**
  Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks.