

# Mehebab Alom

**Phone:** +917099471496

**Email:** mehebab.alom@adypu.edu.in

[LinkedIn](#) • [Github](#) • [Codeforces](#) • [Leetcode](#) • [Personal Portfolio](#)



## PROFESSIONAL SUMMARY

---

Full-stack and AI-focused developer with experience delivering 10+ academic and personal projects in web development, machine learning, and embedded systems. Skilled in building LLM-based platforms, cloud-deployed applications, and scalable APIs with measurable performance benchmarks. Strong background in data structures, algorithm design and system optimization.

## EDUCATION

---

<b>Bachelor of Technology (AI ML)</b> Newton School Of Technology (ADYPU), Pune	2024 - 2028 Grade: 7.59/10.0
<b>Intermediate (Class XII)</b> School of Basic Science	2022 - 2023 Grade: 70.0%
<b>Matriculation (Class X)</b> The Phoenix Academy	2020 - 2021 Grade: 71.17%

## PROJECTS

---

<b>Docurizzer</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	December 2025
<ul style="list-style-type: none"><li>Engineered a document summarization system using T5-Small and Hugging Face supporting 4+ formats and 5+ testers.</li><li>Structured an NLP pipeline that improved summary accuracy and reduced processing time by nearly 25% on average.</li><li>Deployed on Hugging Face using streamlit interface with average response time below 2 seconds and better rogue score.</li></ul>	
<b>Online Compiler</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	December 2025
<ul style="list-style-type: none"><li>Constructed a web-based compiler supporting 3 programming languages using React and Express.js for 20+ users.</li><li>Executed a backend framework enabling real-time code processing with average runtime under 3 seconds.</li><li>Planned a responsive interface that increased practice efficiency by nearly 30%.</li></ul>	
<b>Rozz</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	October 2025
<ul style="list-style-type: none"><li>Created a secure cross-platform diary application (mobile APP) tested by 15+ users with cloud-hosted storage.</li><li>Configured authentication and encryption mechanisms achieving 99% data reliability and secure user access control.</li><li>Established RESTful APIs handling 100+ daily requests across Android and iOS.</li></ul>	

## CERTIFICATIONS

---

<b>Nasa Space App Finalist</b> Nasa ( <a href="#">Link</a> )	August 2025
<ul style="list-style-type: none"><li>Led AI development for a 6-member team to build an LLM assistant with 3+ analytical modules.</li><li>Applied prediction and visualization tools for analysis of 50+ simulated exoplanet systems.</li><li>Integrated machine learning pipelines evaluated against 200+ international teams.</li></ul>	
<b>Adobe India Hackathon</b> Adobe India ( <a href="#">Link</a> )	July 2025
<ul style="list-style-type: none"><li>Contributed to a national-level hackathon involving 500+ participants.</li><li>Applied algorithmic and system design techniques to improve solution performance by nearly 20%.</li><li>Completed rapid prototyping across 3 development cycles with testing and refinement.</li></ul>	

## SKILLS

---

**Computer Languages:** Machine Learning, Python, TypeScript, HTML, CSS, JavaScript, C++, SQL

**Data Tools:** TensorFlow, PostgreSQL, NumPy

**Software Packages:** Pandas, Express JS, React Native, Prisma ORM, React, Node.js, Excel, OpenCV, MySQL, MongoDB

**Others:** Git and Github, Postman, UI/UX, LLM, Hugging Face, Supabase, OAuth 2.0

## EXTRA-CURRICULAR ACTIVITIES

---

- Built and optimized autonomous robotic systems across 5+ technical competitions.
- Executed embedded control workflows integrating motors, sensors, and wireless modules.
- Developed AI-based verification tools during multiple hackathons including Mumbai Hacks.
- Coordinated testing and performance tuning within multidisciplinary engineering teams.