

# ADITYA MATHUR

Electrical & Computer Engineering Student

Pune, India

+91 83769 83243

adityamathur754@gmail.com

linkedin.com/in/aditya-mathur

## EDUCATION

### MIT World Peace University

B.Tech in Electrical and Computer Engineering

Expected May 2027

### DPS Noida

High School Diploma (CBSE)

May 2023

## TECHNICAL SKILLS

### Languages & Frameworks

Python, C++, JavaScript (React Native), SQL, Flask, HTML/CSS

### Tools & Hardware

Arduino, ESP32, SolidWorks, Git/GitHub, Jest, Hardhat

## KEY PROJECTS

### NyayAI (Legal Tech Automation)

- Developed a Python-based automation tool to scrutinize legal petitions for formatting compliance.
- Reduced potential adjournments by identifying documentation errors pre-submission.

### Safe Delivery App (Maternity Foundation)

- Contributed to React Native mobile app development for healthcare workers.
- Implemented Jest testing frameworks to ensure stability and reduce regression bugs.

### EV Saksham (Electric Vehicle Design)

- Designed steering assembly and chassis for an EV prototype using SolidWorks.
- Analyzed vehicle dynamics to optimize turning radius and structural integrity.

### Cosmos Observatory

- Led technical operations for telescope calibration and maintenance.
- Processed raw astrophotography data into high-resolution celestial images.

## PROFESSIONAL EXPERIENCE

### Maternity Foundation | Intern

Pune, India

June 2024 – Aug 2024

- Collaborated with cross-functional teams to deploy new app features.

- Conducted rigorous QA testing to maintain high software quality standards.

### **Internselite | Software Development Intern**

*Ghaziabad, India*

*Nov 2023 – Jan 2024*

- Maintained codebases and optimized application performance.
- Gained full-cycle SDLC experience in a fast-paced environment.

### **Edufabrica Pvt. Ltd. | Research Intern**

*Ghaziabad, India*

*Aug 2023 – Sept 2023*

- Authored technical reports on astrophysics; synthesized complex data for general audiences.

## **CERTIFICATIONS**

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- AWS Reforge:** Certificate of Excellence at HACK MIT-WPU 2025.
- EV Design:** Certified in Electric Vehicle Design & Development (EV SAKSHAM).
- Industrial Training:** EV Technology at iACE, Gujarat.