

Deepak Aeleni

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EDUCATION

Mahindra University

Bachelor of Technology in Computer Science and Engineering

Hyderabad, IN

Aug. 2023 – Present

EXPERIENCE

Project Intern — Reddys Digital Pvt. Ltd.

Reddys Digital Pvt. Ltd.

Jun. 2025 - Sep. 2025

Hyderabad, IN

- **Revamped the company's website**, redesigning **10+ pages** with Next.js, Tailwind CSS, and Firebase.
- **Improved UI/UX, fixed 20+ bugs, and added features**, enhancing site performance and usability.
- **Maintained the website post-launch**, implementing **10+ user feedback updates** and monitoring stability.

Head of Tech and Design — Mathematics Society

Mahindra University

Jun. 2024 - Present

Hyderabad, IN

- **Managed and maintained the club website**, publishing **10+ technical content updates**.
- **Designed 20+ promotional posters and logos** using Adobe Suite for club events and campaigns.
- **Published technical content on Twitter** and incorporated team feedback to improve visuals and usability.

PROJECTS

Stock Trading Simulator | *Next.js, Firebase, Google Scripts*

Apr. 2025

- Engineered a trading simulator for **400+ users** and **3000 bots** with **10M+ reads**.
- Built a local **matching engine** and real-time **WebSocket** updates.

F1 Prediction Model | *Python, scikit-learn, FastF1, Git*

Mar. 2025

- Trained ML models on **10,000+ race records**, achieving **85% prediction accuracy**.
- Increased **AUC by 12%** using driver/circuit-specific classifiers; built **ELO rankings** and race forecast scripts.

Workplace Automation | *Next.js, Firebase, Flutter, Supabase*

Ongoing

- Developing a **workplace automation platform** for product submissions and internal workflows.
- Implementing **role-based dashboards and approval flows** across design, production, manufacturing teams.
- Developing a **client portal and delivery tracking** to monitor progress, distance traveled, and task time.

RELEVANT COURSEWORK

Data Structures and Algorithms, Design and Analysis of Algorithms, Optimization for AI, Object Oriented Programming Systems, Usability Engineering, Recommender Systems.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, HTML, CSS

Frontend: Next.js, React, Tailwind CSS, shadcn/ui

ML/Data: scikit-learn, Pandas, NumPy

Developer Tools: Git, GitHub Actions, Figma, Postman, VS Code, Webflow

Design Tools: Adobe Photoshop, Adobe Illustrator, Figma

EXTRACURRICULARS/ACTIVITIES

Representative of Design - AEON 2026 Tech Fest

Dec. 2025 – Present

Design Member - MasterShot

Jun. 2025 – Present