AMRENDRA CHAUDHARY

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GitHub Link: https://github.com/amrendra16
Portfolio: My portfolio (amrendra16.github.io)
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ACADEMIC DETAILS

M Tech (Computer science and Engineering)	2023-2025	Madan Mohan Malviya University of Technology	8.37/10.0
B Tech (Computer science and Engineering)	2019-2023	Veer Bahadur Singh Purvanchal University, Jaunpur	70.68%
Class XII (UP BOARD)	2017-2019	C.R.T.S.V.M I.C. Maharajganj	79%
Class X (UP BOARD)	2017	D.V.V High School kasia Kushinagar	84.16%

SUMMER TRAINING

Web Development Training   **Mecatredz Technology Pvt. Ltd**   May 2022 – June 2022

- I completed 1 month summer training in Mecatredz Technology Pvt. Ltd. Lucknow in NodeJs.
- During this training, I completed project on HTML, CSS, Bootstrap, JavaScript, MySQL, NodeJS.
- I also got Excellence.

PROJECTS

UTTOREA

(React & Python Development)

(Subsidiary of Aethrone Aerospace)

Link : https://uttorea.vercel.app/

- Developed web applications for Uttorea using React for the frontend and Python for the backend, focusing on innovative safety solutions for the UAS (Unmanned Aircraft Systems) and UAM (Urban Air Mobility) ecosystem.

- Played a key role in designing solutions to ensure safety of life and property, working closely with operators, end-users, and government regulatory bodies to support global operations.

- Contributed to the development of inflatable safety systems for multi-rotor and fixed-wing drones, offering custom solutions tailored to different drone types.

- Integrated advanced inflation and deflation mechanisms for rapid deployment and secure landings, enhancing operational efficiency and safety.

- Focused on material science, precision engineering, and reliable inflation systems to drive innovation in adaptable, resilient drone technologies.

- Worked within a deep tech environment to push the boundaries of drone safety solutions for the aerospace industry.

AETHRONE AEROSPACE

(React & Python Development)

(Incubated at SIIC-IIT Kanpur)

Link : https://www.aethroneaerospace.com/

- Collaborated with Aethrone Aerospace to develop their web applications using React for the frontend and Python for the backend.

- Contributed to the design and development of mission-critical systems, platforms, and components for the Aerospace and Defence Sector.

- Worked on comprehensive design and simulation services, including:
- Conceptual design, feasibility studies, and new product development.
- Legacy product maintenance, product upgrades, and smart testing rig development.
- Product qualification, integration, testing, certification, and long-term support.
- Focused on delivering dynamic and innovative solutions, ensuring high durability and perfection in products.
- Part of a deep tech startup, aiming to innovate within the aerospace industry.

JOBYO   May 2022 –June 2022

Link: GitHub - amrendra16/Jobbyo

- Easily search for jobs based on keywords, location, industry, experience level.
- Save time and effort by accessing a wide range of job listings all in one place.

ACHIEVEMENTS

Internship Experience Starwings Global Era Pvt. Ltd.   **Intern (3 months)**

- Worked on Aethrone Aerospace and Uttroea products, contributing to their development using React for the frontend and Python for the backend.
- Gained hands-on experience in developing and deploying web applications, collaborating with teams, and ensuring optimal functionality.
- Applied knowledge of full-stack development to design and implement solutions effectively.

Training Experience Mecatredz Technology Pvt. Ltd   **Training (1 month)**

- Contributed to the development of the Jobbyo product.
- Worked on frontend development using React.js.
- Developed backend functionalities with Node.js.
- Managed database operations with MySQL.

SKILLS

Technical:

 HTML, CSS, JAVASCRIPT, REACTJS, TAILWIND, BOOTSTRAP, GIT , GITHUB, PYTHON, MYSQL,MANGODB, NODEJS

Certificates:
- Completed A 1-month summer training in Node.js at Mecatredz Technology Pvt. Ltd., Lucknow.
- Completed a 3-month internship at Starwings Global Era Pvt. Ltd., gaining experience in React.js and Python.

Interests:
- Solving Problem
- Web Development and Design
- Software Development and Engineering

POSITION OF RESPONSIBILITY

- Project Team Leader
- Frontend Development
- Backend Development
- Database Development

EXTRACURRICULAR

- Playing cricket
- Listening Music