



# Prabhat Chauhan

Roll No.:721223

B.Tech - mechanical Engineering

Web Developer

National Institute Of Technology, Andhrapradesh

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Github | Website

Linkdin

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	National Institute of Technology, Andhrapradesh	7.13 (Current)	2021-Present
Senior Secondary	BSEB Board	83.2%	2020
Secondary	CBSE Board	86.4%	2018

## EXPERIENCE

- Burckhardt Compression** june 2024 - Jul. 2024  
*Design of Compressor Intern* Pune
  - During my internship at Burckhardt Compression, I gained hands-on experience in designing high-precision compressors and observed complex production processes with rigorous quality controls. I learned the importance of cross-departmental collaboration in project management and the balance between technical innovation and market needs in Sales and Marketing. Additionally, I understood the significance of providing strong after-sales support and maintaining customer relationships.
- IIT Patna** may 2024 - June 2024  
*Machine Learning and Deep Learning Intern*
  - During my internship on detecting cybersecurity attacks using machine learning (ML) and deep learning (DL), I gained practical experience in developing models to identify and mitigate potential threats. I worked on analyzing large datasets to detect anomalies and patterns indicative of cyberattacks. The internship provided me with a deep understanding of how ML and DL algorithms can be applied to enhance cybersecurity measures, improving system resilience against emerging threats

## MECHANICAL PROJECTS

- Automization in cattle dairy farm** Jan. 2023 - april 2023 / NIT Andhra
  - Our devices work on the time control Embided system such as Arudinoboard, which will be given Feed by codes that contains time controlling. this board will be connected to a motor, which will operate the gate of the feed storage tank .followed by a conveyor belt that will carry Feed all the way to the cattle. This process takes place time to Times at the scheduled intervals efficiently .
- Design and Optimization of the aerofoil structure of an aircraft** Jan. 2024 - april 2024 / NIT Andhra
  - Designed and optimized the aerofoil structure of an aircraft, focusing on enhancing aerodynamic efficiency and performance. Utilized advanced computational fluid dynamics (CFD) software to analyze and simulate airflow around the aerofoil, identifying key areas for improvement. Implemented design modifications that reduced drag and increased lift, contributing to overall fuel efficiency and flight stability. Collaborated with a multidisciplinary team to integrate structural and material considerations, ensuring compliance with safety standards and regulations. Presented findings and design solutions to stakeholders, demonstrating significant performance enhancements through rigorous testing and validation processes.

## WEBDEVELOPMENT PROJECTS

- Amazon and Netflix Clone | HTML, CSS, JavaScript, Bootstrap |**
  - Developed a clone of Amazon's website using HTML, CSS, and JavaScript to simulate the user interface and user experience of the e-commerce giant.
  - Built a clone of Netflix's platform to showcase video streaming interface capabilities using HTML, CSS, and JavaScript.
- Sawaari**
  - Developed "Sawaari," a web application aimed at simplifying the process of booking transportation services. The project was built with a focus on usability and responsiveness, ensuring a seamless user experience across all devices.

## TECHNICAL SKILLS

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- **Programming language** : Python, C, C++, SQL, Javascript
- **Web Skills**: HTLM/CSS/BOOTSTRAP/JS, ReactJS
- **Core**: AutodeskAutoCAD, AutoDesk Fusion, CreoCAD

## KEY COURSES TAKEN

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- **Design**: Geometric Modeling For CAD and CAE
- **Bussiness specialization**: Human Resource Management

## POSITIONS OF RESPONSIBILITY

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- **Team Member**,: IE CELL, NIT Andhrapradesh *July. 2022 - Nov. 2022*
- **Executive Member**,: GRAPHIC CAFE, NIT Andhrapradesh *July. 2022 - Nov. 2022*

## CERTIFICATION

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- **NPTEL certification on Design Technology and Innovation**,
- **Great learning certification on Human Resource and Management**,
- **Udemy certification on C++, Web Development**,

## INTEREST

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- **Financial**,: Stock marketing
- **other**,: Photography, Photo editing

## ACHIEVEMENT

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- **Jee Mains 2021**,: secured 94 percentile
- **Bihar Polytechnic**,: secured 129 rank

## PERSONAL DETAILS

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- **Language**,: English, Hindi
  - **Hobbies**,: Reading Newspaper, Playing Cricket
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