

Cholleti Sai Shashank

Roll No.: 20ME01042

Final Year Undergraduate

Mechanical Engineering

Indian Institute of Technology, Bhubaneswar

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GitHub

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Education

Year	Degree/Examination	University/Board	%/CGPA
2023*	Mechanical Engineering	Indian Institute of Technology Bhubaneswar	8.01/10
2020	Intermediate (12 th standard)	Board of Intermediate Education, T.S	95.7%
2018	Secondary School Certificate (10 th standard)	Board of Secondary Education, T.S	9.8/10

Internship Experience

Potters Maps

May 2023 - July 2023

Software Developer Intern

- Developed a web application called "EduSync" using React JS, Firebase, and Material UI.
- Maintained regular communication with the Chief Technology Officer by presenting progress updates through demonstrations.
- Additionally integrated News API into EduSync, enabling it to fetch news updates.

Projects

Expense Tracker

Web development

- Created a React expense tracker with Firebase integration, incorporating Authentication for user accounts.
- Implemented core functionalities allowing users to add, view, edit, and delete receipts.

My Portfolio

Web development

- An online showcase of my professional journey, developed using React JS.
- Developed a responsive web page with an integrated Email JS for an efficient contact section.

Smart Elephant Detection System for combating HEC

Course: Internet of Things

Supervisor: Dr. Sudipta Saha, SES Department, IIT Bhubaneswar

- Researched and analyzed academic papers on human-elephant conflict (HEC) to gain insights into the issue, including IoT-based architecture and system evaluation.
- Addressed challenges and provided solutions based on research findings, focusing on elephant detection systems and public alerting units.

Courses

Financial Management

Course Instructor: Dr. Sayel Basel, SHSSM Department

- Learned comprehensive insights into financial markets, cost estimation, capital structure, financing sources, and investment patterns.
- Successfully applied financial concepts in a team startup activity and actively participated in a virtual stock market, integrating theoretical knowledge with practical scenarios.

Technical Skills

Programming Skills : C, C++, STL

Web Development : HTML, CSS, JavaScript, BootStrap, ReactJS, MaterialUI

Database : Firebase, SQL

Other Tools : Adobe After Effects, Git

Scholastic Achievements

- Secured an All India Rank 13739 in JEE-Advanced, 2020.
- Secured a State Rank of 784 in TS EAMCET, 2020.

Positions of Responsibility

E-Summit Fest

2020 - 2023

Web and Design team, Core Head

- Contributed to developing the CA (campus ambassador) web page and E-Summit web page.
- Assisted in organizing the IPL auction event of our E-Summit Fest.
- Core Team Member (2021-2022), Associate (2020-2021)

Extra-Curricular Activities

- Worked on slides-show animation and logo reveals using Adobe After Effects.
- Playing cricket.