

Manas Chandra

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EDUCATION

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| National Institute of Technology Rourkela | 2020 -2024 |
| <i>B.Tech Industrial Design</i> | <i>CGPA: 8.24/10.0</i> |
| Narayana Junior College, Nellore - AP (Intermediate) | March 2019 |
| <i>MPC</i> | <i>CGPA: 9.94/10.0</i> |

COURSEWORK

Courses: Data Structures & Algorithms, React.js, DevOps, Cloud Computing, Object Oriented Programming, Programming with Java, Database Management System(DBMS), Machine Learning, SQL

SKILLS

Languages: Python, Javascript, Typescript, C/C++, HTML/CSS, SQL, Python, Java
Tools: Jenkins, Git, Google Cloud, Docker, VS Code, CLion, AutoCAD, MATLAB, Blender, Fusion
Frameworks: React.js, Node.js, MongoDB, React Three Fiber
Soft Skills: Time Management, Teamwork, Communication, Problem Solving, Leadership

EXPERIENCE

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| NeoPhyte Ambient Intelligence <i>MERN Stack Development Intern</i> | Jan.2025-Present |
| <ul style="list-style-type: none">3D model rendering within React. Worked on adding traversal and rotation to make the model more interactive.Worked on rendering different parts of a 3D model by accessing its group/mesh name. Worked on the drag-and-drop feature of 3D models. And a toggle feature on the content of a 3D model.Developed attendance using geolocation while working on a leave management system. Among the many features include the ability to add users, create teams, manage payroll, and more.Creating AI applications that allow users to communicate with AI agents about their needs based on the service. | |
| Ultratech Cement Works <i>Summer Intern</i> | Jun.2023-Jul.2023 |
| <ul style="list-style-type: none">Got a greater insight on how the business world works and acquired knowledge on cement processing.Worked under some of the plant's top executives.Oversaw the data and used this data to develop a remedy for the carbon gas issue caused in the factory.Mainly concentrated on WHRS (Waste Heat Recovery System), alternative fuels, and carbon capture and storage. | |

PROJECTS

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| Weather Prediction <i>Google Colab, python ,numpy, sklearn, matplotlib</i> | Sept.2023-Dec.2023 |
| <ul style="list-style-type: none">A weather data is analysed and inferences were drawn based on the visualizations obtained.Various ML techniques such as Decision tree, Support Vector Classifier(SVC), AdaBoost etc were implemented with various parameters of the algorithm were used for obtaining a suitable predictive model.Event occurrence is predicted and accuracies were noted. | |
| Food Delivery App <i>ReactJs, HTML, CSS, JavaScript, VS Code</i> | Jun.2024-Sept.2024 |
| <ul style="list-style-type: none">A React-based food delivery app showcasing restaurants and their menus.Cart and payment features are coming soon for a complete ordering experience. The app was made from scratch using Parcel and other libraries. | |

HOBBIES

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| Problem Solving |
| <ul style="list-style-type: none">Solved 250+ leetcode problems and been an active coder. Participated in events and hackathons. |