



Kulamani Mohanta

Roll No.:CS25M1006

M.Tech - Computer Science and Engineering
National Institute Of Technology, Puducherry

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Github | Portfolio | LinkedIn

EDUCATION

Degree/Stream	Institute/Board	CGPA/Percentage	Year
M.Tech. CSE	National Institute of Technology, Puducherry	8.45	2025-2027
B.Tech. CSE	Government College of Engineering, Keonjhar	8.73	2021-2025
Senior Secondary	CHSE Odisha	86.16%	2019-2021

EXPERIENCE

• CSRBOX

Front-end web development summer intern

Jun. 2024 - Aug. 2024

Remote

- Created interactive and visually optimized UIs with React, employing modern JavaScript patterns and responsive CSS frameworks to enhance user engagement.

• Corizo

Web Development Internship

May 2023 - July 2023

Remote

- Architected a scalable backend infrastructure with Node.js, implementing secure authentication protocols and structured middleware for seamless API communication.
- Developed intuitive, responsive front-end layouts for a social media platform, prioritizing user engagement and accessibility through React's modular design.

PROJECTS

• MyShop

May 2025 - Present

A fullstack MERN application for a grocery store.

LIVE LINK

- Designed high-performance, responsive user interfaces; leveraged Redux to eliminate redundant API calls and accelerate load times by 30%.
- Built and deployed secured backend API with JWT based authentication and simplified CRUD operations.

• Agrosavant

May 2024 - May 2025

An AI powered crop recommendation and disease detection system

GitHub

- Optimized predictive models for agricultural analytics, surpassing a 95% accuracy threshold for both crop suggestion and plant pathology identification modules.
- Engineered a microservices architecture allowing individual model deployments via secure APIs; this innovative approach enabled seamless integration into existing systems while processing simultaneous requests with minimal latency issues.

TECHNICAL SKILLS

• Programming Languages:

Java, C, Python

• Web Development:

React, HTML, CSS, JavaScript, TypeScript, Tailwind-css, Node.js, Express.js

• Cloud and Databases:

AWS, SQL (MySQL), No-SQL (MongoDB)

• DevOps:

Docker, Kubernetes(EKS), Ansible, Terraform, Jenkins

• Tools:

Git, GitHub, Postman, Sci-kit learn, Vite.js

• Operating Systems:

Windows, Linux

KEY COURSES TAKEN

- **Artificial Intelligence and Machine Learning:** Deep Learning, Computer Vision, Natural Language Processing, Reinforcement Learning
- **MERN:** MongoDB, Express.js, React.js, Node.js

POSITIONS OF RESPONSIBILITY

- **Team Lead**, Major Project Group, GCE Keonjhar

Dec. 2024 - May. 2025

CERTIFICATION/Achievements

- **IBM Full Stack Software Developer**, Professional Certification, via: Coursera

2024

- **Python for Data Science, AI and Development**, Authorized by IBM, offered through Coursera

2024

- **Cloud Practitioner(AWS)**, Offered by Geeksforgeeks

2025