



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** Jun. 2024 - Aug. 2024
Front-end web development summer intern Remote
 - Created interactive and visually optimized UIs with React, employing modern JavaScript patterns and responsive CSS frameworks to enhance user engagement.
- **Corizo** May 2023 - July 2023
Web Development Internship 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