

EDUCATION

Masters of Computer Applications, COER University, Roorkee
Bachelor of Computer Applications, COER University, Roorkee

2024-2026
2021-2024

SKILLS

Programming Languages : JavaScript, Python, C++, HTML5, CSS3, TypeScript, Java

Frameworks & Libraries : React, NodeJs, ExpressJs, NextJs, TailwindCSS

Databases : MongoDB, MySQL, Firebase

Tools & Platforms : Git, Docker, Linux, Windows

Coursework : Operating Systems, Database Management Systems (DBMS), Computer Networks, Data Structures and Algorithms (DSA)

EXPERIENCE

Backend Developer Intern, To-Let Globe

December 2024 – February 2025

- Developed and maintained scalable RESTful APIs for a chatbot system, improving user navigation through context-aware routing resulting in 5% decrease in bounce rate..
- Enhanced user experience, leading to a 12% increase in user flow and higher engagement on platform.
- Refactored critical backend code paths and implemented best practices in API design, error handling, and data processing, resulting in a 10% faster response time and an 8% server load reduction.

PROJECTS

Toy Programming Language: Node.js, JavaScript

[Github](#)

- Constructed a basic interpreted language from scratch, integrating a custom lexer, parser, and core features like variables, conditionals, loops, and functions, used by 332+ developers.

Men-Pack – NPM Package : Node.js, MongoDB, TypeScript, Express

[Github](#)

- Published an open-source NPM package to automate Express.js and MongoDB boilerplate generation, increasing backend setup efficiency.
- Accelerated development workflows for 500+ users by offering reusable modules and standardized configurations.

Blog Platform : Next.js, TailwindCSS, MongoDB

- Coded a blogging platform with full CRUD capabilities and image upload, supporting 55+ users.

Advance Employee Attendance Tracking System: React, NodeJS, Express, MongoDB, Postman

- Designed a real-time tracking solution with automated email alerts using Nodemailer, allowing employee check-ins and supervisor oversight via a responsive dashboard, tested with 10+ users and 20+ test entries.

Karyam – Local Hiring Platform : React.js, Node.js, MongoDB

[Github](#)

- Built a platform connecting local workers with job opportunities, featuring job listings and worker profiles.
- Added secure authentication and role-based access control, tested 25+ job-worker flow combinations.

Video Conferencing Platform : ZegoCloud, Node.js

[Github](#)

- Implemented a real-time video communication system enabling one-on-one calls and group meetings using ZegoCloud SDK, supports 6+ simultaneous participants and over 10+ sessions during testing.

MeilleurSpace – Social Media Platform : React.js, Node.js, MongoDB, Express.js

[Github](#)

- Created a social platform featuring real-time chat via socket.io and image sharing.

ACHIEVEMENTS

- Secured 3rd position in hackathon at Coer University.
- HackVerse'24 Marathon 36 hours coding at Tula's Institute.
- Manthan National Level Hackathon 24 at Coer University.