



Manoj Kumar D



+91 9108282659 | manojkumarsjr123@gmail.com | [linkedin.com/in/manoj-xd](https://www.linkedin.com/in/manoj-xd) | manojkumard.netlify.app | github.com/manojkum-d

EDUCATION

Master of Computer Applications (MCA)

July 2023 – Present

Christ University, Bangalore - 71%

Bachelor of Computer Applications (BCA)

August 2019 – May 2023

Kristu Jayanti College, Bangalore - 76%

EXPERIENCE

Web Developer Intern

June 2024 - Present

GoaTek.inc, Bangalore

- Created RESTful APIs using Node.js, Express, and MongoDB to ensure efficient data handling and integration.
- Worked on the complete lifecycle of projects, from requirement gathering to deployment, under the supervision of senior developers.
- Contributed to debugging and troubleshooting efforts, leading to significant performance improvements in delivered applications.

PROJECTS

Sanjeevni Setu | *Next.js, React Native, Node.js, Express, MongoDB, Docker, ML, Clouinary*

[Demo](#) | [Code](#)

- Developed a multi-platform Electronic Health Record (EHR) system with a Next.js-based UI for hospitals and admins, and a React Native mobile app for users.
- Enabled users to upload documents, view their medical details in charts, set up medication reminders, and generate unique QR codes.
- Implemented hospital functionality to scan user QR codes, retrieve and upload patient documents, and manage records securely.
- Integrated Clouinary for document storage and Docker for containerization of services.

FitGenius-AI | *React, OpenCV, Streamlit, Docker, Gemini API, MediaPipe*

[Demo](#) | [Code](#)

- Developed a comprehensive fitness web application with 800+ workout images and descriptions, health articles, a body mass calculator, and a meal generator.
- Achieved recognition by securing 2nd place in a national-level hackathon, winning a cash prize of Rs.10,000.
- Integrated advanced AI features, including a generative AI chatbot for personalized fitness advice, an image upload feature to estimate food calorie content, and used OpenCV to evaluate user form for exercises.

Guided | *React, Node.js, MongoDB, Express, Socket.io*

[Demo](#) | [Code](#)

- Developed a real-time communication platform using Socket.io that allows students to create groups and channels for interactive discussions, facilitating effective communication with faculty and peers for clarifying doubts and collaboration.
- Implemented user roles with global error handling, including admin, faculty, and student roles, to manage the communication and functionality of the platform.

SKILLS

Languages: TypeScript, JavaScript, MySQL, Golang, Python

Frameworks/Technologies: Node.js, Express.js, MongoDB, Docker, React, Next.js, Socket.io, RESTful API

Tools: Git, GitHub, Visual Studio Code, Postman, Docker, SwaggerHub, Kubernetes

Cloud/DevOps: AWS, Azure, Netlify, Vercel, Docker

ACHIEVEMENTS

- Secured 2nd place in a 24-hour national-level hackathon conducted by St. Joseph's University.
- Achieved 3rd place in the Code Hunt event at NIT Puducherry.

CERTIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Foundations

IELTS Certificate - *Overall Band Score: 7*