ANISHA KOMAL

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OBJECTIVE

Highly motivated Full Stack Developer with expertise in building dynamic & responsive web applications using the MERN stack.Recent graduate with a Master's degree in Computer Application(MCA). Proficient in JavaScript, React.js, Node.js, and MongoDB. Looking to contribute my technical skills and experience in a full-stack development role.

EDUCATION

Masters of Computer Application **2022-2024**
Birla Institute of Technology, Mesra, Ranchi CGPA: 8.35

Bachelors of Computer Application **2018-2021**
Kolhan University, Jamshedpur, Jharkhand Grade: 85.2%

TECHNICAL SKILLS

Language	C++, JavaScript, Python
Frontend	React, Redux, Tailwind CSS, Bootstrap, HTML, CSS
Database	MongoDB, MySQL
Tools/Cloud	Git, GitHub, AWS, Vite, Docker, Postman, RESTful API, Vercel
Coursework	DSA, Analysis of Algorithms, OOPs, OS, DBMS
Soft Skills	Problem-Solving, Leadership, Documentation, Communication, Teamwork

PROJECTS

Blogify (Code) May 2024 - July 2024

- Developed a blog management application using **React, Redux, and Appwrite**, allowing users to **create, edit, manage, and publish blog posts** seamlessly. The project emphasizes scalability, user-friendly design, and efficient content management.
- Technologies Used: **React**, **Redux**, **Appwrite**, **Tailwind CSS**, **React Router**

AI Virtual Voice Assistant (**Code**) Feb 2024 - May 2024

- Developed an AI-driven virtual voice assistant capable of understanding and responding to user commands through **Natural Language Processing (NLP)**, **Machine Learning**, and **Neural Networks**.
- Integrated **speech recognition**, **natural language understanding**, and **text-to-speech** technologies to create a seamless, interactive user experience.
- The assistant was designed to manage schedules, set reminders, search the web, control smart devices, and provide personalized responses based on user preferences.
- Technologies Used: **Python**, **SpeechRecognition**, **Google Text-to-Speech (TTS)**, **Git**

N-Queens Solver (Live) (Code) Dec 2023

- Developed a web-based application to solve and **visually represent the N-Queens** problem, which involves placing N queens on an N×N chessboard so that no two queens threaten each other.
- Technologies Used: **HTML**, **CSS**, **JavaScript**

Steganography (Image Processing) (Live) (Code) Oct 2023 - Nov 2023

- Built a tool using a hybrid algorithm of Cryptography **Advanced Encryption Standard** (AES) and **Least Significant Bit** (LSB) to **hide and retrieve information within images**, ensuring the safety and security of long-distance communication.

- A message is encrypted in the image, sent to the receiver and decrypted again.
- Technologies Used: **HTML**, **CSS**, **JavaScript**

CERTIFICATION

- Software Development Trainee, **AMCAT** Dec 2024

ACHIEVEMENT

- **LeetCode** - 150 Challenge