RANJITH KUMAR

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EDUCATION

Sahyadri College of Engineering and Management,Mangalore — 12/2021-06/2025
Bachelor of Engineering in Information Science — 8.28 CGPA

TECHNICAL SKILLS

Languages	C++, Python, SQL, HTML
Developer Tools	VS Code, Git, Postman, Linux
Security Tool	SNORT
Frameworks	TailwindCSS, React.js, Express.js
Databases	MySQL, MongoDB

PROJECTS

Intrusion Detection and Prevention using SNORT and Proxy server   **07/2024 - Ongoing**

- Developed an advanced security system integrating SNORT for real-time intrusion detection and prevention, coupled with Nginx for efficient web traffic management
- Enhanced network protection by implementing continuous monitoring, logging, and alerting for potential threats.

Movie-Library   **01/2024**

- Designed and implemented a dynamic movie management platform using React.js and Tailwind CSS for a responsive front-end, with Express.js and MongoDB powering the back-end. The application supports user-generated movie lists and social sharing capabilities.
- Integrated OMDB API for real-time movie data retrieval, enabling users to search and access detailed information (title, cast, release date).

Legacy2Modern   **05/2024**

- Developed a website that facilitate the migration of legacy code frameworks (VB) into modern technologies (Python) using Machine learnig algorithm(DeepQLearning) and we integrated our website with a Chatbot powered by GPT API for code documentation and error detection. .
- Collaborated on both front-end and back-end development, utilizing React.js and Express.js, and integrated a GPT-powered Chatbot for real-time code documentation and error correction

CERTIFICATIONS

- Introduction to Cloud computing(IBM,Coursera)
- Digital Transformation with Google Cloud (Google Cloud)
- Networking Basics(Cisco)