

RANJITH KUMAR

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EDUCATION

Sahyadri College of Engineering and Management,Mangalore

12/2021-06/2025

Bachelor of Engineering in Information Science

8.34 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
Cloud Computing	GCP Compute Engine
Scripting	Bash (Beginner)

PROJECTS

Intrusion Detection and Prevention using SNORT and Proxy server

07/2024 - Ongoing

- Deployed a secure web hosting environment on GCP Compute Engine, integrating NGINX as a proxy server for efficient request handling and traffic distribution.
- Implementing SNORT as a real-time intrusion detection and prevention tool to monitor, log, and respond to potential security threats within the network.

Movie-Library

01/2024

- Developed a movie management platform utilizing the MERN stack (MongoDB, Express.js, React.js, Node.js) with a user-friendly interface designed with React.js and Tailwind CSS, integrated with the OMDb API for real-time movie data retrieval, allowing users to search and view detailed movie information.
- Deployed the application on Google Compute Engine, using NGINX as a reverse proxy for efficient traffic management and high availability.

ACHIEVEMENT

AI Innovation Hackathon

EG,Mangalore

- Among 111 registered teams, we made it to the finals and secured a position in the top 8 teams among the 27 finalists.
- We 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. .
- I contributed to the team by developing the both front end to write the code which user want to convert and back-end to connect with Machine learning model to convert the given code.

CERTIFICATIONS

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