

ANKITH K C

Software Developer | Full-Stack Developer | MCA Student

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SUMMARY

MCA student with hands-on expertise in full-stack development, skilled in React, Next.js, and Java. Experienced in building scalable web applications, designing secure backend architectures, and deploying machine learning models for real-world use cases. Passionate about crafting efficient, user-focused solutions and eager to contribute to dynamic, innovation-driven software teams.

EDUCATION

Master Of Computer Applications | Mangalore Institute of Technology & Engineering | CGPA: **7.28** | 2023-2025

Bachelor Of Computer Applications | Madhava Pai Memorial College, Manipal | CGPA: **6.5** | 2019-2022

SKILLS

- Languages:** Java, JavaScript, React, SQL, Python.
- Interface:** HTML, CSS.
- Framework:** Flutter, NextJS.
- Tools & Platforms:** Git, GitHub.

PROJECTS

NetMorph- Machine Learning for Cyber Security | October 2025

- Developed ML-based system to detect and mitigate network threats through real-time traffic analysis using the models Random forest and Autoencoder.

TalkFusion– Web Chat Application (ReactJS, Redux, Node.js, MongoDB, Zego Cloud) | *In Progress*

- Building a real-time chat platform with audio/video calling, improving communication usability for 20+ test users. Implemented secure authentication and state management with Redux.

WeHelp – Web Application (NextJS, Tailwind CSS, GraphQL, HyGraph) | October 2024

- Developed a web application to connect users with household service providers. Enabled employees to update profiles and find nearby jobs, ensuring seamless service matching.

LAN Configuration (Networking Project) | January 2023

- Designed and implemented a small-scale network infrastructure including VLAN setup, router configuration, and DHCP/DNS services at Networker's Home lab.

INTERNSHIP

Software Developer Intern | TechCiti Technologies Pvt Ltd | *December 2024(8 weeks)*

- Developed a PDF malware classification system using ML to detect malicious files with improved accuracy.

COURSES

- Completed course on **Cisco Certified Internetwork Expert – Security**, 2023

ACHIEVEMENTS & WORKSHOP

- Got a acceptance letter from **4th International conference on Advances in Science, Engineering & Technology (ICASET)** for my research paper named ‘Unsupervised Feature Learning for Polymorphic Malware Detection in Network Traffic’.
- Shortlisted for funding by KSCST for group project (2024).
- Selected for State Hub Round, SAP Hackfest'25, Moodbidri.