NIRANJAN C B

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SUMMARY:

Full-Stack Web Developer skilled in MongoDB, Express.js, React.js, and Node.js (MERN Stack). Proficient in building responsive UIs with TailwindCSS and ShadCN and implementing secure authentication using JWT. Experienced in real-time applications with Socket.IO and efficient state management. Passionate about writing clean, scalable code and eager to contribute to dynamic projects.

WORK EXPERIENCE:

V5 TechSol Pvt LLP | Bengaluru

Network Security Intern   Sept 2024 – Jan 2025
- Gained hands-on experience in networking concepts, routing and switching.
- Completed Palo Alto Network training, including theory and lab sessions focused on firewall technologies and network security.

PROJECTS:

[ChatX](#) | React.js, Express.js, Node.js, MongoDB, Socket.io, TailwindCSS, Zustand
- Full fledged real-time chat application using MERN stack and Socket.io for instant messaging.
- Implemented file and image sharing features, enabling users to exchange multimedia seamlessly.
- Integrated Web Sockets for real-time bidirectional communication, ensuring a smooth user experience.

[LearnLoop](#) | React.js, Express.js, Node.js, MongoDB, TailwindCSS, JWT
- A real-time skill exchange platform with messaging using Socket.io and secure JWT authentication.
- Search and filter users by skills, keywords, or categories, helps user to find relevant matches.
- Designed a scalable backend with modular routes, middleware and MongoDB models.

[Customer Chunk Prediction](#) | Python, ANN, Streamlit, Tensorflow/Keras, scikit-learn
- Built an Artificial Neural Network to predict customer churn based on behavioral and demographic features.
- Preprocessed data (encoding, scaling, splitting) and trained a deep learning model with optimized architecture and early stopping.
- Deployed an interactive front-end with Streamlit, allowing churn prediction from user input.

EDUCATION:

AMC Engineering College | Bengaluru   2021 – 2025

Bachelor of Engineering – Computer Science | CGPA – 8.91

ADDITIONAL iNFORMATION

- **Languages**: JavaScript, Java, Python, SQL, NoSQL, C.
- **Frameworks/Libraries**: React, Node js, Express js, TailwindCSS, Streamlit, Bootstrap, ShadCN.
- **Developer Tools**: Git, Github, Postman, Android Studio, VSCode, IntelIIJ, Netbeans.
- **Core CS**: Data Structures and Algorithms, OOPs, Networking, DBMS, Operating Systems.
- **Achievements**: Participated in 48 hours **HACK$Day National level hackathon** conducted by 0x.Day to design and develop a **decentralized marketplace app** demonstration skills in machine learning and blockchain.

Certifications

- MERN stack web development - [Udemy](#)
- Complete Java Bootcamp - [Udemy](#)