ANKUR TIKOO

SOFTWARE ENGINEER 1

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SUMMARY

Experienced Frontend Developer with a strong three-year background in crafting compelling web and mobile applications. Proficient in front-end technologies like React.js, React Native, and JavaScript, with backend experience using Node.js. Known for delivering dynamic, user-centric solutions that drive enhanced engagement and conversions. Committed to continuous learning and innovation, with a keen eye for detail.

TECHNICAL SKILLS

ReactJS	JavaScript	Express
React Native	TypeScript	Accessibility
NodeJS	Redux	Responsive Design

PROFESSIONAL EXPERIENCE

Software Engineer 1, Impelsys   **Aug 2022 - Present**

Key Contributions
- Redesigned and implemented a modern, user-centric UI for a healthcare application using React.
- Integrated RESTful APIs to ensure smooth data flow between frontend and backend systems.
- Implemented secure JWT-based role-based authentication with token expiration handling.
- Collaborated closely with backend engineers, UI/UX designers, and product managers in Agile sprints.
- Built a dynamic invoice generation system using custom components and real-time data.

Achievements
- Increased user satisfaction and **accessibility scores by 25%** .
- **Reduced API error rates by 30%** after optimizing frontend integrations.
- Decreased **unauthorized access incidents by 40%** through improved auth handling.
- **Reduced invoice generation time by 60%**, streamlining financial workflows.
- Strengthened application security by introducing advanced encryption for sensitive data and implementing robust token expiration management, **minimizing security risks by 20%.**

EDUCATION

CMR Institute of Technology   **Aug 2018 - Jun 2022**
- Bachelor of Engineering in Computer Science

K.C. Public School (12th Grade)   **May 2017 - Jun 2018**
- Physics,Chemistry,Maths

PROJECTS

- **Full-Stack Football fan tracker application**
  - **Developed comprehensive full-stack** football management platform with React TypeScript frontend and Python Flask backend, featuring 14+ teams across 5 leagues, real-time match tracking, player statistics, and advanced geographic/nationality-based filtering
  - **Architected scalable RESTful API and responsive UI** using SQLAlchemy ORM with automated database seeding, complex relational queries, country flag integration, and seamless cross-device user experience with intelligent state management