Karthik Nair

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SUMMARY

VIT Bhopal University Computer Science student with a comprehensive skill set in **Data Structures and Algorithms (DSA)**, evidenced by extensive LeetCode practice. I leverage my expertise in the **MERN stack** (MongoDB, Express.js, React.js, Node.js) to build high-performance, user-friendly full-stack web applications from concept to deployment.

SKILLS

Languages & Frameworks	: Javascript, HTML5,Tailwind CSS, NextJS, Typescript
Libraries, Tools and APIs	: ReactJS, CSS3, OpenAI API, Anthropic API, Github, Redux, RESTful APIs, Framer-motion
Backend	: Firebase, NodeJS, ExpressJS,
Database	: MongoDB, Mongoose ODM, PostgreSQL, Prisma ORM

EDUCATION

- **Vellore Institute Of Technology, Bhopal**   2022-2026
  B.Tech in computer science and engineering
  CGPA: 7.85
- **City Montessori School , Gomtinagar Campus-1**   2022
  Class-XII
  Percentage: 89.5

ACADEMIC PROJECTS

Glide   March 2024
- Glide is a full stack social media webapp**.**
- Uses **Jwt** authentication, **mongodb** for database.
- Used **ExpressJS** to make backend server that authenticates a user and handles database integration.
- Integrated realtime chat feature using **socket.io**(under development).

Dev Tinder

March 2024
- Developed a Tinder-like platform for developers, facilitating connections and networking within the tech community.
- Implemented a robust backend using Node.js and Express.js, with MongoDB for efficient data storage and retrieval.
- Designed and built an intuitive user interface with React.js, ensuring a smooth and engaging user experience.

CSI-Innowave   March 2024
- Made a beautiful looking landing page for our college's tech society CSI-Innowave.
- Used **Material UI** and **Acertinity UI** for amazing user experience and interactivity.

Netflix-GPT

Feb 2024
- Netflix-GPT specializes in providing **personalized movie recommendations** to users based on their input.
- leverages the capabilities of **OpenAI's GPT-3.5** model to generate accurate and context-aware movie recommendations.
- State Efficiently managed using **Redux-Toolkit**, ensuring a **centralized** and predictable state container for enhanced maintainability.

Additional

Languages: Fluent in Hindi and English.
Certification: Python Essentials , Fundamentals of AI and ML , Adobe UI & UX (Graphics Design) , Maven Silicon ⇛ VLSI Design