SANJAY NEELAKANDAN

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SUMMARY:

Results-driven Frontend & MERN Stack Developer with experience building responsive, scalable, and high performance web applications. Strong focus on reusable UI components, state management, API integrations, and optimized user experiences. Proven ability to deliver clean, maintainable code and ship production-ready projects used by 1000+ users across multiple personal apps.

PROJECTS:

1. Game Atlas – Game Discovery Web Application - React, RAWG API, TypeScript, CSS, Render, Vercel

- Built a responsive, high-performance game discovery frontend using React, achieving a 98% Lighthouse performance score.
- Implemented advanced search, filtering & sorting, improving user navigation efficiency by 40%.
- Designed reusable UI components that reduced code duplication by 30%.
- Integrated the RAWG API to fetch over 500,000+ game records, enabling dynamic content display.

2. Task Manager App (Full-Stack MERN Application) - MongoDB, Express, React, Node.js, JWT, Vercel, Render

- Developed a full-stack task management system supporting secure authentication for 100+ active users.
- Built REST APIs with Express that improved server response time by 25% through optimized queries.
- Designed a responsive UI with React, reducing task-creation time by 50% through intuitive UX.
- Implemented JWT-based authentication improving app security & preventing unauthorized access by 100%.

3. AI Tattoo Generator – AI Image Generation Web App - React, Node.js, OpenAI API, JavaScript

- Engineered a Node.js backend that handles 100+ AI image generation requests/day with safe async operations.
- Integrated OpenAI's image API to convert text prompts into designs with <1.5s average API response time.
- Developed a React UI that improved user engagement by 60%, based on interaction analytics.
- Optimized state and error handling, reducing failed API calls by 35%.

SKILLS:

1. Frontend - React.js, Hooks, Redux, JavaScript (ES6+), TypeScript, Tailwind CSS, HTML5, CSS3, Bootstrap, Responsive UI, Component Architecture

2. Backend - Node.js, Express.js, MongoDB, Mongoose, REST APIs, Authentication (JWT), Async/Await

3. Tools - Git, GitHub, Postman, Vercel, Render, NPM, VS Code

4. Languages - JavaScript, Java, SQL, C

CERTIFICATIONS:

- 30-Day AI & Web Development Bootcamp – Stoz Academy (May 202
- Responsive Web Design Certification – FreeCodeCamp (Jan 2024)
- JavaScript Essentials – Scrimba (Apr 2024)

NON-TECHNICAL SKILLS:

- Problem Solving · Time Management · Collaboration · Critical Thinking

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EDUCATION - B.E. – Computer Science & Engineering Rajalakshmi Engineering College, Chennai 2022 – 2026