

# SANJAY NEELAKANDAN

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | +91 8248830924 | Kanchipuram, Tamil Nadu, India | [mail.to.sanjayn05@gmail.com](mailto:mail.to.sanjayn05@gmail.com)

## 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 2024)
- Responsive Web Design Certification – FreeCodeCamp (Jan 2024)
- JavaScript Essentials – Scrimba (Apr 2024)

## NON-TECHNICAL SKILLS:

- Problem Solving · Time Management · Collaboration · Critical Thinking

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