

Vijay Shankar M B

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SUMMARY

Full Stack Developer passionate about building scalable web applications using modern technologies. Driven by tenacity and an absolute learner mindset with strong expertise in MERN stack, Next.js, and TypeScript. Focused on creating efficient, user-centric solutions across the full development lifecycle.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Developer Tools: VS Code, Postman, Chrome DevTools, NPM, Bun, Git

Technologies/Frameworks: React, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, Prisma, Tailwind CSS, Framer Motion, JWT, Vercel, GitHub, Turborepo

PROJECTS

ResumeIQ | Next.js, React 19, Express.js, Google Gemini AI, MongoDB, NextAuth, Tailwind CSS

- Built a full-stack AI-powered resume analysis platform that parses PDF resumes, extracts sections, and generates ATS, structure, and readability scores using a custom scoring engine.
- Integrated Google Gemini 2.5 Flash LLM to deliver AI-driven suggestions across summary, skills, experience, and projects sections for targeted resume improvement.
- Engineered a resume-to-job-description comparison feature that calculates match scores, identifies missing skills and strengths, and provides actionable improvement suggestions.
- Implemented secure Google OAuth authentication using NextAuth v5 with MongoDB adapter, ensuring seamless user session management and data protection.
- Deployed frontend on Vercel and backend on Render with CORS-secured REST APIs, Multer-based PDF file uploads, and Zod schema validation for robust data handling.

Stashdeck | Next.js, TypeScript, Express.js, Prisma, PostgreSQL, JWT, Turborepo

- Developed a full-stack bookmark management system with web dashboard and browser extension built in a monorepo architecture using Turborepo.
- Built browser extension enabling users to save current tab URL as bookmarks with custom descriptions and tags for organized content management.
- Engineered web dashboard with comprehensive search functionality across titles, descriptions, and tags, along with tag-based filtering and bookmark organization.
- Implemented secure JWT authentication for user data protection and seamless access across web and extension platforms.
- Deployed frontend on Vercel with PostgreSQL database integration via Prisma ORM for efficient data management.

Project Management System | React, TypeScript, Node.js, Express.js, MongoDB, Tailwind CSS, JWT

- Built a comprehensive role-based project management system with admin and user roles for efficient task allocation and tracking.
- Developed admin dashboard with full CRUD operations for project creation, task assignment, and complete management control across all projects and tasks.
- Created user interface displaying all assigned tasks in a centralized dashboard with real-time task status updates (todo, in-progress, completed).
- Implemented secure JWT-based authentication and role-based access control to ensure proper authorization and data security.
- Deployed frontend on Vercel and backend API on Render with MongoDB for scalable data storage and management.

EDUCATION

Diploma in Computer Application
JSS College, Mysore