

KSV Praveen

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EDUCATION

IIITDM Kancheepuram

B.Tech in Computer Science and Engineering;

Chennai, Tamil Nadu

Nov 2022 – May 2026

SUMMARY

AI Full stack developer with hands-on experience building scalable, AI-powered web platforms using modern tech stack, and modern cloud tooling. Currently developing agent-to-agent workspace automation systems and coding assessment platforms. Passionate about solving real-world problems through intelligent systems and workflow automation.

EXPERIENCE

Web Developer Intern

May 22, 2025 – Present

GA Digital Solutions

- Developing a coding assessment platform similar to HackerRank using React.js and Django.
- Built recruiter dashboard, candidate IDE, and test workflows with live coding environments.
- Integrated JWT-based authentication with role management and secure test sessions.
- Used PostgreSQL for backend storage and designed REST APIs with Django REST Framework.
- Implemented containerized code execution using Docker and explored Judge0 API.
- Contributed to deployment using Vercel, Render, and CI/CD with GitHub Actions.

PROJECTS

- **Welth AI: AI Finance Platform** | *Next.js, React, JavaScript, Inngest, Arcjet, Prisma, TailwindCSS, Resend, React Email, PostgreSQL* | [GitHub](#) | [Link](#)
 - Developed a personal finance management platform with automated monthly reports, budget alerts, and recurring transactions.
 - Implemented receipt scanning with AI-based OCR to automatically add transactions.
 - Automated background cron jobs with Inngest for monthly reports and recurring transactions.
 - Integrated Arcjet for bot protection and rate limiting to prevent spam and abuse.
 - Used Resend and React Email for sending monthly reports with detailed financial insights.
- **Sensai AI: AI-Powered Career Assistant** | *Next.js, React, JavaScript, Tailwind CSS, Prisma ORM, PostgreSQL* | [GitHub](#) | [Link](#)
 - Built an AI-powered platform providing real-time career insights, including industry trends, salary data, and market analysis updated weekly.
 - Implemented an AI-driven resume builder that generates ATS-optimized resumes and intelligent cover letters with real-time markdown editing.
 - Designed an interview preparation module offering role-specific questions with instant feedback and improvement analytics.
 - Developed a scalable PostgreSQL database managing user data and career insights with 99.9% uptime.
- **Health-AI: AI-Powered Healthcare Assistant** | *React, TypeScript, PostgreSQL(Supabase), Gemini AI, Tailwind CSS* | [GitHub](#) | [Link](#)
 - Developed a disease prediction feature, helping users assess potential health conditions based on symptoms.
 - Implemented a symptom checker tool that enables users to assess and track their symptoms interactively.
 - Integrated a health assistant powered by Gemini AI, providing real-time responses to medical queries and health guidance.
 - Added a medication management system to track prescriptions, dosages, and medication schedules for users.

TECHNICAL SKILLS

- **Languages:** Python, C, C++, JavaScript, TypeScript, SQL, HTML, CSS

- **Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, Django, Django REST Framework, Tailwind CSS, Material UI, Bootstrap, Framer Motion, Prisma, LangChain, LangGraph
- **Tools & Platforms:** GitHub, VS Code, Docker, Vercel, Railway, Render, Firebase, Supabase, Neon Console
- **Database & APIs:** PostgreSQL, MongoDB, REST API, Judge0 API, OpenAI API
- **AI & Data:** Gemini AI, pandas, NumPy, Matplotlib, scikit-learn

RESPONSIBILITIES

Training and Placement Cell Coordinator

Aug 2023 – Present

IIITDM Kancheepuram, Chennai, TN

- Coordinated campus recruitment drives by managing scheduling, logistics, and communication with companies.
- Conducted student workshops on resume building, interview skills, and aptitude preparation.
- Facilitated internship opportunities by collaborating with industry partners.

CERTIFICATIONS

- **Udemy:** Full Stack Web Development
- **NPTEL:** Cloud Computing
- **NPTEL:** The Joy of Computing Using Python
- **NPTEL:** Ethical Hacking