KSV Praveen

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EDUCATION

IIITDM Kancheepuram   **Chennai, Tamil Nadu**
B.Tech in Computer Science and Engineering;   *Nov 2022 – May 2026*

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.

- **VaultX – Secure vault for credentials.** | *Next.js, TypeScript, Tailwind CSS, Clerk* | Github| Link
    - Developed secure credential management system with encrypted storage and real-time updates.
    - Implemented responsive design with dark/light mode and form validation using React Hook Form.
    - Ensured data security using Clerk metadata for encrypted storage of sensitive information.

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, TypeScript
Frameworks: React, Node.js, NextJS, MaterialUI, Tailwind CSS, MongoDB, HTML, CSS, SQL, Express, Bootstrap, Flask
Developer Tools: Github, VS Code, Prisma, Neon Console
Libraries: pandas, NumPy, Matplotlib, Scikit-Learn, OpenAI API, Hugging Face

RESPONSIBILITIES

Training and Placement Cell Coordinator   *Aug 2023 – Present*
IIITDM Kancheepuram, Chennai, TN

- **Managed Campus Recruitment:** Coordinated with companies to organize campus recruitment drives, handled scheduling, logistics, and ensured a smooth process for students and recruiters.
- **Skill Development Workshops:** Organized workshops, including resume building, interview preparation, and aptitude training, to improve placement readiness.
- **Internship Coordination:** Partnered with industries to source and coordinate internships, providing students with early industry exposure and experience.

CERTIFICATIONS

Udemy: Full Stack Web Development | **NPTEL**: Cloud Computing