PRINSI VISHWAKARMA

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SUMMARY

Highly accomplished Full Stack Developer specializing in scalable system architecture and secure, full-cycle solutions. Proven expertise in enhancing user experience and delivering high-impact results through cross-functional collaboration. Seeking dynamic Software Development, SDET, or SRE roles to drive innovation and contribute to meaningful projects.

EDUCATION

Vellore Institute of Technology   *2022-2026(Ongoing)*
Computer Science Engineering
CGPA:8.5

PROJECTS

Movie Recommendation System :   **https://streamliit-app.onrender.com/**
Python, Streamlit, Scikit-learn, Pandas, Cosine Similarity.

- Architected and deployed a sophisticated content-based movie recommendation system, leveraging advanced vector similarity and real-time inference for personalized user experiences.
- Engineered and optimized recommendation algorithms, achieving significant improvements in data retrieval speed, and developed an intuitive, interactive front-end interface using Streamlit.

MeetingZone :   **meeting-zone-eta.vercel.app**
React, TypeScript, Firebase, ZegoCloud, WebRTC, Google OAuth

- Implemented a video conferencing platform using WebRTC and ZegoCloud APIs, achieving sub-200ms latency for real-time group chats and enabling seamless screen sharing for up to 50 concurrent users.
- Integrated Google OAuth for secure login and implemented WebRTC for seamless live streaming using ZegoCloud APIs.

BudgetBuddy API :   **budgetbuddy-s0lf.onrender.com**
Node.js, Express, MongoDB, JWT, Redis, Docker, Swagger

- Architected a secure and modular expense tracking REST API featuring JWT-based user authentication and caching with Redis.
- Implemented CI-ready Docker containers, deployed on Render, and documented endpoints using Swagger for developer usability.

INTERNSHIP

Semantics Cybernetics LLP: *May 2023 - June 2023*
Marketing Intern

- Spearheaded the execution of digital marketing strategies, resulting in a 20% increase in client acquisition for website development services.
- Partnered with sales and design teams to craft targeted campaigns, contributing to a 40% rise in qualified lead generation and overall product engagement.

TECHNICAL SKILL

Languages: C++, Java, Python, JavaScript
Web Technologies: HTML, CSS, JavaScript, React.js, Node.js, Express.js
Tools & Platforms: Docker, Git, GitHub, Firebase, Swagger, VS Code
Databases & Caching: MongoDB, Redis
Testing & Automation: Jest, Postman, GitHub Actions, CI/CD (basics)
Cloud & Infrastructure: Linux CLI, AWS (beginner), REST APIs, Prometheus, Grafana

CERTIFICATIONS

Full Stack Developer MERN by Smartbridge
Problem Solvers: Mastering Data Structure & Algorithm by FACE Prep
MongoDB
Python Essentials
Cloud Computing Journey to Cloud: Envisioning Your Solution

ACHIEVEMENTS/EXTRACURRICULAR

Hackathon: Myntra WeForShe Hackathon (2024), Algo Bash 2.0, IIT Jammu (2024), Smart India Hackathon, Hack2Skill
LeetCode: 400+ Problems, Algo Bash 2.0, IIT Jammu (2024), Smart India Hackathon, Hack2Skill
Language: English, Hindi