PARAM PANWAR

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PROFESSIONAL SUMMARY

Software Engineer with 1.5 years of experience building production SaaS platforms using Next.js, FastAPI, MongoDB, and PostgreSQL. Delivered a WhatsApp Business API platform and a proctored assessment platform, deployed on AWS with Nginx, and added AI-powered features using LLMs and vector search.

SKILLS

- **Language and Frameworks:** Python**,** C++**,** Next.JS, Fast API
- **Databases:** MongoDB, PostgreSQL
- **Vector Databases:** Pinecone, Qdrant
- **Cloud & Deployment:** AWS EC2, Docker, Nginx
- **Automation & AI:** n8n, Generative AI, Agentic Coding
- **Core Concepts:** DSA, DBMS, REST APIs

PROFESSIONAL EXPERIENCE

Software Engineer | Doomshell Softwares Pvt. Ltd

- Develop and maintain full stack web applications using Next.js, FastAPI, and MongoDB
- Built and deployed SaaS platforms including a WhatsApp Business API platform and an online assessment platform with proctoring.
- Deployed applications on AWS with Nginx, and worked with PostgreSQL, MongoDB.
- Built AI-Powered features for Botinx and Skillix.

Full Stack Web Development Intern | Doomshell Softwares Pvt. Ltd

- Developed responsive websites using HTML, CSS, JavaScript and Django
- Integrated APIs & optimized website performance.

PROJECTS

Skillix: Intelligent Assessment and Interview Platform(Link)

- Built an online assessment and interview platform where candidates take tests under live proctoring, with FastAPI REST APIs and PostgreSQL behind a Next.js frontend.
- Implemented proctoring controls: fullscreen enforcement, camera, microphone and screen-share permission checks, and session recording to discourage cheating.

Botinx: Intelligent Whatsapp Business API Platform(Link)

- Built the multi-tenant SaaS foundation: authentication, billing and tenant isolation.
- Built the WhatsApp automation engine (carousel messages via Meta Cloud API, delay timers, agent handover) and fixed flow resume and routing bugs.
- Architected the AI agent into a multi-tenant, prompt-driven engine using LLM tool calls (Gemini) and Qdrant-based FAQ retrieval.

EDUCATION

- B. Tech in Computer Science and Engineering | JECRC, Jaipur

INTERESTS

Artificial Intelligence and GenAI, AI Automation, Machine Learning, Data Analytics, Chatbots & Conversational AI, SaaS Product Development, Cloud Development