



EDUCATION

Medi-Caps University

B. Tech in Computer Science
2021 – 2024

Ujjain Polytechnic College, Madhya Pradesh

Diploma in Computer Science
2018 – 2021

SKILLS

- **Frontend** – React.js, SvelteKit, Next.js, Tailwind CSS, JavaScript, TypeScript, RTK Query, React Redux, Framer motion, HTML/CSS, React Native.
- **Languages** – Java, Python, JavaScript, TypeScript, C#, SQL.
- **Backend** – FastAPI, Express.js, NestJS, Node.js. (Learning: ASP.NET, Springboot).
- **Databases** – PostgreSQL, MongoDB, MySQL.
- **DevOps & Security** – Docker, Git, CI/CD, TLS/SSL, OAuth2, API security, Supabase.
- **AI & ML** – Prompt engineering, AI logic, Basic analytics, AI API integration.

PERSONAL PROJECTS

[Stepper.ai](#)

AI chatbot to debug code step by step.

- **Stack:** Next.js, Tailwind CSS, FastAPI, Supabase, Neon DB (PostgreSQL).
- **Description:** Engineered a full-stack AI-powered chat-bot using a Next.js frontend and FastAPI backend to transform single user prompts into interactive, step-by-step guides, integrating Supabase for authentication and Neon DB for scalable content storage and retrieval.

[Mycerts](#)

Secure Digital Certificate & Credential Hub.

- **Stack:** Next.js, FastAPI, PostgreSQL (Planning migration to a Blockchain backend for enhanced verification).
- **Description:** Developed a full-stack certificate management portal with Next.js and a FastAPI backend, enabling professionals to securely upload, manage, and share verifiable credentials with recruiters via unique, generated links.

[MyResumeAi](#)

Intelligent Resume Builder.

- **Stack:** React, Gemini AI API, Tailwind CSS, PDF Generation Libraries.
- **Description:** Built a fully client-side intelligent resume builder using React and the Gemini AI API to automatically parse user data, reducing manual entry time by over 90% and allowing users to generate polished PDF resumes directly in the browser with no backend dependency.

PROFESSIONAL EXPERIENCE

Associate Software Development Engineer

Techdome Solutions Pvt. Ltd | 2024 – Present

Led the end-to-end design, development, and deployment of six full-stack applications in a fast-paced Agile environment. Highlighted below are key projects demonstrating impact and technical breadth.

1. AI-Powered Mortgage Loan Platform.

Stack: React, Tailwind CSS, (RTK), Framer Motion, FastAPI, PostgreSQL.

Key Achievements:

- Architected and developed core frontend modules and a secure FastAPI backend, transforming the platform into a full-stack solution with a modular component library that cut development time by 40% and reduced data processing latency by 25%.

2. AI-Powered Interview Platform.

Stack: React, RTK, FastAPI, PostgreSQL, Supabase, OpenAI API, Docker.

Key Achievements:

- Led the full-cycle development of an in-house AI interview platform—starting from code reviews to owning both frontend and backend architecture. Built a scalable FastAPI-PostgreSQL backend integrated with OpenAI's GPT models to automate interview analysis, cutting candidate screening time by over 60%. Delivered a responsive React + RTK frontend for a seamless, real-time experience across users.

3. Enterprise IoT Cybersecurity Platform.

Stack: .NET, Docker, PostgreSQL, Nginx, WSL, (Security Protocols: TLS, TOTP).

Key Achievements:

- Led security hardening for a large-scale, on-premise IoT solution by implementing multi-factor authentication with TOTP and enabling end-to-end TLS encryption for PostgreSQL and LDAP. Conducted in-depth vulnerability assessments and applied remediation strategies across containerized environments, reducing the attack surface by over 95%. Additionally, secured Nginx reverse proxies and hardened the WSL.

Full Stack Developer Intern

Blaccskull Platforms Pvt. Ltd | 2023 – 2024

- Developed key features across web and mobile platforms, including a full user search system (React, Node.js/Express) and the company's flagship mobile app (React Native) with short-form video, real-time chat, and content sharing—boosting reach and improving data efficiency by 30%.
- Progressed from bug-fixing to mentoring, guiding new interns on best practices and Git workflows. Enhanced UX with performance optimizations like loading states, leading to a 50% improvement in perceived page-load speed.

CERTIFICATIONS

- The Fundamentals of SOC - Assessment.
- Fundamentals of SOC(Security Operations Center).