

KARTIK SWAMI

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PROFESSIONAL SUMMARY

Highly motivated and results-driven **Computer Science undergraduate (3rd Year)** with a strong passion for developing scalable web applications and AI-powered solutions. Proficient in **full-stack development (MERN)**, responsive UI/UX design, and leveraging generative AI tools to innovate and enhance workflows. Known for quick learning, problem-solving abilities, and delivering high-quality, impactful projects.

EXPERIENCE

Software Developer Trainee — Vidhema Solutions (June 2025 – August 2025)

- Designed and deployed a **full-stack Admin Panel & Dashboard CMS** (React, Node.js, Express, MongoDB Atlas, JWT, Cloudinary)
- Implemented **real-time content updates**, admin read-tracking notifications, and secure JWT authentication
- Optimized **cloud image handling** using Cloudinary and created a **responsive UI** with Tailwind CSS

PROJECTS

Admin Panel & Dashboard CMS — Developed a secure, scalable CMS enabling admin control over blogs, interviews, and services. Integrated **MongoDB Atlas** for dynamic data management, deployed on **Render & Netlify**.

Portfolio Website — Built and deployed a modern portfolio site using **React, Vite, and Tailwind CSS** with **Framer Motion** animations; optimized with AI-assisted tools.

Flappy Bird & Snake Games — Created interactive browser-based games using **vanilla JavaScript**, focusing on **game logic & DOM manipulation**.

Personal AI Chatbot — Engineered a chatbot using **Python** and transformer-based APIs; demonstrated **prompt engineering & API integration**.

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript (ES6+), Python, C/C++

Frameworks & Libraries: React, Vite, Tailwind CSS, Node.js, Express.js

Databases: MongoDB Atlas

Tools & Platforms: Git, GitHub, Vercel, Render, Cloudinary

Specialized Skills: JWT Authentication, REST APIs, Agile Workflow, Responsive Design, Data Structures & Algorithms, Prompt Engineering, ChatGPT, GitHub Copilot, Qwen

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science & Engineering — Arya College of Engineering, Jaipur (Aug 2025)

Senior Secondary (RBSE) — A.V.M. Aadarsh School, Jaipur (GPA: 73%)

Secondary (RBSE) — Affect Bibliophile Children Sr. Sec. School (GPA: 87.5%)