SARTHAK

Computer Science and Engineering
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PROFESSIONAL SUMMARY

Full Stack Developer with a strong backend focus, delivering production-grade web applications in fast-paced startup environments. Experienced with Next.js and React.js, alongside deep expertise in building backend systems using Node.js, relational and NoSQL databases, caching, and real-world API design. Focused on scalable, reliable services and writing clean, maintainable code acorss stacks.

EXPERIENCE

- **Web Developer – Lebeda Marcom And Creative Studio**   Nov 2025 – Present
  Bengaluru, India
  – Responsible for building and delivering client websites **end-to-end**, from development to deployment, for a cybersecurity-focused marketing and branding agency.
  – Developing modern, responsive websites using **NextJS(v16)**, **ReactJS(v19)**, **JavaScript(ES6+)**, **Tailwind(v4)**, with interactive UI elements and **GSAP(v3)** animations.
  – Designed and implemented **Node.js (v22) backend workflows** for a live client website, including booking approval flows, limited slots booking, automated email notifications, user registration handling, and data persistence using **MongoDB** with synchronization to **Google Sheets**.

EDUCATION

- **Bachelor of Engineering - Computer Science and Engineering**   **CGPA: 8.05**
  Chandigarh University, Punjab   2021 – 2025

PROJECTS

- **Gemini Backend Clone – AI Chat Backend** [GitHub Link]   *Sep 2025*
  – Built a scalable backend with **Node.js(v20+) (Express5)**, **PostgreSQL**, and **Redis** caching. Improved GET /chatroom route from ~723 ms to ~170 ms on repeated calls fetched from cache
  – Implemented **BullMQ** workers for async message handling, **OTP + JWT auth**, and **Rate Limiting**.
  – Deployed on **Render** and delivered production-ready APIs with Postman collection.

- **QuickAI – AI SaaS Application** [Link]   *Aug 2025 – Sep 2025*
  – Developed a full-stack **AI SaaS platform** with tools for content generation, image workflows, and resume review.
  – Architected with the **PERN stack**, using **Gemini API**, **Cloudinary**, **Clerk**, and **Neon DB** for authentication and storage + **Multer** for file uploads.
  – Designed modern UI with **Tailwind CSS(v4)** and deployed on **Vercel**

TECHNICAL SKILLS AND INTERESTS

- **Programming Languages:** JavaScript (ES6+), C++ (v23), Java (v17)

- **Technical Competencies: Frontend:** NextJS(V16), ReactJS(v19), Tailwind CSS(v4), GSAP(v3) | **Backend:** Node.js(v20+), Express.js (v5.1), RESTful APIs, JWT, BullMQ, Rate Limiting | **Databases/Cache:** PostgreSQL, MongoDB, Redis

- **Core Competencies:** OOPS, DataBase Management System, Operating Systems, Computer Networks, Data Structures, System Design

- **Tools/Platforms:** Git, GitHub, VS Code, Postman, Cloudinary, Vercel

ACHIEVEMENTS

- **Top 1%** among 30K+ learners in NPTEL Course "Introduction to Internet of Things" by IIT Kharagpur.

- Ranked **4th** among 100+ participating teams in Hack Fusion 2024 conducted by NIT, Jamshedpur.