

AVINASH BAJPAI

✉ avinashbajpai11764@gmail.com ☎ (+91) 9532009373 📍 Delhi NCR 🌐 @Devavinashh
🌐 avinash-bajpai

EDUCATION

KCCITM, Btech in Computer Science

2023 – 2027

SKILLS

Frontend — HTML5 | CSS3 | JavaScript (ES6+) | React.js | Tailwind CSS | Framer Motion, **Backend** — Node.js | Electron.js | Python | REST APIs, **Databases** — SQL | Supabase | PostgreSQL | Firebase, **Tools & Other** — Git | GitHub | VS Code | Responsive Design | i18next (Multilingual)

CERTIFICATES

Hacktoberfest 2025 🏆

Open Source Contributor - Hacktoberfest Super Contributor

❖ Actively participated in Hacktoberfest, making numerous web development contributions to various open-source projects.

◆ Utilized Git and GitHub to fork repositories, create branches, submit detailed pull requests, and collaborate with project maintainers on issues.

PROJECTS

Smart Notch | Desktop UI Tool | GitHub 🏆

03/2026 – 05/2026

- **Role:** Full-Stack Developer | **Tech Stack:** React, Electron.js, Framer Motion, Vite, Tailwind CSS, Node.js
- **Core Architecture:** Engineered an interactive, lightweight Windows desktop utility using React and Electron.js, utilizing Framer Motion to build fluid, spring-physics-based UI transitions.
- **OS & API Integration:** Leveraged Windows System Media Transport Controls (SMTC) to build a native Spotify controller with a dynamic ambient glow, and integrated low-level system polling to display real-time CPU, RAM, and network telemetry.
- **Production Deployment:** Configured AppX manifests, managed application sandboxing, and successfully cleared Microsoft's strict runFullTrust capability security audits to deploy the app globally on the **Microsoft Store**.

MediVault | Healthcare Management System | GitHub 🏆

02/2026 – 04/2026

- **Role:** Full-Stack Developer | **Tech Stack:** React, Node.js, Express, MongoDB, Tailwind CSS, Python (AI Module)
- **Social Impact & Utility:** Designed a secure, intelligent digital health wallet aimed at streamlining healthcare management, simplifying patient document workflows, and ensuring unified access to critical medical histories.
- **Core Architecture:** Engineered a robust architecture integrating healthcare data tracking with dynamic AI-powered summarization to convert dense medical documents into clear, actionable health insights.
- **Technical Execution:** Implemented structural backend API workflows for secure records management and seamless ABHA ID integration, while crafting an intuitive, responsive frontend interface for rapid patient navigation.

Duo Learning | Peer Learning Platform | GitHub 🏆

11/2025 – 01/2026

- **Role:** Full-Stack Developer | **Tech Stack:** React, Node.js, Express, MongoDB, Tailwind CSS
- **Social Impact & Utility:** Developed a community-driven ed-tech platform to democratize education and combat student isolation by connecting global learners for real-time, peer-to-peer mentorship and accountability.
- **Core Architecture:** Engineered a scalable full-stack application using React and Node.js, featuring structured MongoDB schemas to track user study milestones, collaborative room data, and global activity.
- **Technical Execution:** Built robust RESTful APIs with Express to handle secure authentication and progress synchronization, while utilizing Tailwind CSS to ensure a high-performance, responsive UI across all devices.