Priyanshu Kumar Singh

Gmail | GitHub | X (Twitter)

Education

Bachelor of Computer Application (BCA) *Expected Grad: 2027*
Dehradun Institute of Technology, Dehradun, India
Relevant Coursework: Data Structures & Algorithms, Database Management, Full-stack Development

Projects

- **PlanIt: Notes App** *MongoDB, Express.JS, React.JS, Node.JS, TailwindCSS, Cloudinary, Multer, JWT, OAuth, CI/CD*
GitHub | Live

  – Engineered a full-stack application with JWT authentication and third-party authentication, securing user data for 50+ active users.
  – Implemented image upload functionality using Multer and Cloudinary, reducing image load times by 40% compared to base64 encoding.
  – Deployed a scalable backend on Railway and a CDN-fronted frontend on Vercel, achieving a 95% Lighthouse performance score.
  – *Result: The app handles over 100+ CRUD operations daily with no downtime.*

- **Friday: AI Assistant** *Python, OpenAI API, Whisper, Edge TTS, Porcupine, Playwright*
GitHub

  – Developed a voice-activated AI assistant using GPT for command processing.
  – Automated Task Execution with Playwright.
  – Designed a user-friendly and efficient interface.
  – Integrates 3+ APIs (OpenAI, Whisper, Edge TTS).

- **Portfolio Website** *React JS, HTML5, CSS, JavaScript, Tailwind CSS, Git, GitHub*
GitHub | Live

  – Built a portfolio website using React, HTML, CSS and styled with Tailwind CSS.
  – Deployed the website on Vercel and integrated a response form with the Formspree API.
  – Achieved 90+ Lighthouse score for performance and accessibility.

- **Nimbus: Weather App** *React JS, JavaScript, Tailwind CSS, Vercel, GitHub*
GitHub | Live

  – A simple and responsive weather application built with React + Vite + Tailwind CSS.
  – Fetches live weather data using the OpenWeather API and displays temperature, conditions, and location details.
  – 99% uptime on Vercel deployment.
  – Serves 200+ daily users with real-time weather data.

Technical Skills

Programming Languages: JavaScript (Proficient), Python (Proficient), C++ (Intermediate)
Frontend: React, HTML5, CSS, Tailwind CSS, Vite
Backend: Node.js, Express.js, REST APIs
Database: MongoDB, MySQL
GitHub stats: 1000+ lines of JavaScript, 130+ commits on main project.