Vineet Kumar Sahu

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Professional Summary

Full-stack web developer with strong backend expertise and hands-on frontend proficiency. Skilled in Node.js, Express, MongoDB, and building robust RESTful APIs with secure authentication. Adept in frontend technologies like EJS, Tailwind CSS, and JavaScript. Delivered multiple scalable, AI-enhanced full-stack projects independently. Hackathon winner with a passion for innovation and problem-solving.

Technical Skills

- **Languages:** JavaScript, Python (Basics), C (Basics)
- **Frameworks/Libraries:** Node.js, Express.js, EJS, Tailwind CSS, Basic React
- **Databases:** MongoDB, MySQL, Redis (Exploring)
- **Backend:** REST APIs, JWT, Middleware, Multer, OTP verification
- **Frontend:** HTML, CSS, JavaScript, EJS, Tailwind
- **AI/ML:** Google Gemini API, OpenAI, Hugging Face (Exploring)
- **Tools:** Git, GitHub, VS Code, Postman, Vercel, Chrome DevTools
- **Other:** Async Programming, Mongoose Aggregates, Route Protection

Projects

WeGo — View Project   Source Code

AI-powered travel platform with destination discovery, travel companion matching, and smart itinerary planning.
Role: Full-stack development including backend APIs, frontend UI, and Gemini API integration.
Tech: Node.js, Express.js, MongoDB, EJS, Tailwind, Python, Gemini API, Multer, Cloudinary

- Developed secure REST APIs with JWT and modular architecture
- Integrated data from multiple APIs with Gemini AI summaries
- Frontend built using EJS and Tailwind CSS with dynamic views

Amparo AI — View Project   Source Code

AI-first emergency health assistant offering real-time alerts and chatbot guidance.
Role: Designed and implemented entire backend, AI pipeline, frontend interactions, and SMS/Call integration.
Tech: Node.js, MongoDB, Twilio API, Gemini API, Python, JWT, bcrypt, JavaScript

- Built full-stack system with emergency alerts via Twilio API
- Implemented AI chatbot with Gemini integration
- Clean frontend using EJS and vanilla JS animations

Blogit — View Project   Source Code

A blogging platform with real-time feeds, authentication, and image uploads.
Role: Sole developer responsible for full backend and frontend design.
Tech: Node.js, Express.js, MongoDB, Cloudinary, JWT, Multer, Tailwind

- OTP+JWT based authentication and session management
- Developed user-friendly blog editor using CKEditor

- Implemented follow, like, and bookmark systems

Krishi Sahayak — [View Project]   [Source Code]

Farmer support portal with live crop/weather info and affordable input resources.
Role: Built the full static site with frontend + API integration + UX design.
Tech: HTML, CSS, JavaScript, OpenWeatherMap API, Govt. Open Data

- Designed UI and handled full static deployment

- Merged multiple API sources for real-time farming updates

- Winner – Hackcraft'24

Education

B.Tech, Computer Science and Engineering	2023 – 2027
Global Institute of Technology and Management	CGPA: 8+
Senior Secondary (XII), Science	2022
Kendriya Vidyalaya (CBSE)	Percentage: 92%
Secondary (X)	2020
Asian Public School (CBSE)	Percentage: 88%

Experience

Full-Stack Developer (Intern)	Aug 2024 – Feb 2025
Kaamsetu (Startup)	

Designed backend APIs, built frontend UI, and connected SQL and MongoDB

Integrated payment systems and implemented aggregation pipelines

Freelance Full-Stack Developer	Apr 2025 – May 2025
WordPress E-Listing Website	

Delivered a feature-rich e-commerce platform with custom listings

Handled everything from client interaction to full deployment

Certifications

- **Programming and DSA in Python** – IIT Madras (Jan–Mar 2024) [View]

- **Programming in C** – IIT Kanpur (Jan–Mar 2024) [View]

- **Backend Web Development with Node.js and Express** – GDSC (Jun–Jul 2024)

- **Frontend Web Development with JS and React** – GDSC (Jun–Jul 2024)

Achievements

- **Winner** – Hackcraft'24 (GITM), Project: [Krishi-Sahayak]

- **1st Runner-Up** – CodeSangam Hackathon (SGT University), Project: [WeGo]

- **Top 5** – Hacked 3.0 (BMU), Project: Amparo

- Participated: WeiHack – BVIT, Innoverse'24 – SGT, Tryst – IITD

- 2nd Prize in Debugging, 1st Prize in Development – TechFest'24 GITM

- Winner – Entrepreneur Quiz, Maths Quiz, Tech Quiz, Business Quiz – GITM