

Deo Sagar Kumar

Ranchi — deosagar150@gmail.com — linkedin — github

TECHNICAL SKILLS

C/C++, Python, JavaScript, HTML/CSS, SQL, React.js, Next.js, Express.js, Tailwind CSS, NumPy, Pandas, Git, GitHub, Operating System, MongoDB, OOPS, MySQL, Problem solving (DSA)

EXPERIENCE

- Freelance Frontend Developer Intern

Feb 2025 - 45 days

Raklyar Ent.

Remote

– Implemented **CRUD operations** and integrated **Statsig feature flagging** for improved user experience; optimized **UI/UX** using **Next.js** for better performance across devices.

– Collaborated on **full-stack development** to deliver **scalable web solutions** using modern development practices.

– **Job Offer:** [Link](#)
- ## PROJECTS
- EventVista – Full-Stack AI-Powered Event Management Platform

Link

Feature-rich event management platform with AI integration and payment processing

– Developed a **feature-rich event management platform** using **Next.js** and **TypeScript**, enabling users to create events with photos, location, and pricing details.

– Integrated **Google Gemini API** for **AI-driven features** like event summarization, sentiment analysis, and custom query handling.

– Implemented **real-time event data fetching**, **ticket purchasing with Stripe**, and a dynamic chatbot-style UI, resulting in a **40% improvement** in user task completion time.

– **Tools Used:** Next.js, TypeScript, MongoDB, Stripe, Google Gemini API, Clerk, Shadcn/UI

•Hasthakshar using Deep Learning

Link

Computer vision system to recognize and translate Indian Sign Language gestures

– Creating a **custom dataset** of **Indian Sign Language gestures** for training the detection model.

– Implementing **stick figure representation** for **skeletal keypoint detection** and analysis.

– Utilizing **deep learning frameworks** (TensorFlow/PyTorch) for **real-time gesture recognition** achieving **90% accuracy**.

– **Tools Used:** Python, TensorFlow/PyTorch, OpenCV, MediaPipe, NumPy, Matplotlib
- ## ACHIEVEMENTS
- **Finalist in Zelestra X AWS ML Ascend Challenge 2025**, ranked among the **top 50** out of **1500+ teams** in a **nationwide ML competition**.
 - **Finalist at HackXplore 2025, SPIT Mumbai** – secured **top 10 position** out of **325+ competing teams**.
 - **IBM Certified Generative AI Developer** with demonstrated expertise in building and deploying **GenAI models (Score: 90%)**.
 - **Certified in Cyber Physical Systems** by NPTEL in March 2024.
 - **Hacktoberfest 2024 Contributor** – actively contributed to multiple **open-source repositories** during the global event.
- ## LEADERSHIP & EXTRACURRICULARS
- **Social Media Co-Lead**, Eureka Club - VIT Bhopal: Co-led the social media team for driving **promotional campaigns** for Advitya-2025 and reaching **thousands of attendees** through strategic outreach.
 - **CCL Merit Scholarship Recipient**: Awarded the **CCL Merit Scholarship** (2022–2024) by Central Coalfields Limited for consistent **academic excellence** over two years.
- ## EDUCATION
- B.Tech in CSE (Cyber Security and Digital Forensics)

2022-26

VIT Bhopal University, Bhopal

CGPA: 8.82

•Senior Secondary Education (Class 12)

2021

DAV Public School Hazaribag, Hazaribag

Percentage: 91%

•Secondary Education (Class 10)

2019

DAV Public School Tapin North, Ramgarh

Percentage: 92.8%