Deo Sagar Kumar

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Bachelor of Technology
VIT Bhopal University, Bhopal

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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%

EXPERIENCE

•**Freelance Frontend Developer Intern** *Feb 2025 - 45 days*
 Raklyar Ent. Remote

- Implemented CRUD operations and integrated Statsig feature flagging for enhanced user experience management.
- Optimized UI/UX using Next.js, improving site performance and responsiveness across multiple device platforms.
- Collaborated on full-stack development workflow, delivering scalable web solutions with modern development practices.

PROJECTS

•**AI-Powered Event Analytics Chatbot**
 Interactive chatbot for event management platform with Gemini AI integration Link

- Developed an intelligent chatbot using Next.js and TypeScript for event analytics and management.
- Integrated Google Gemini AI for NLP, enabling event summarization and sentiment analysis.
- Implemented real-time event data fetching, ticket purchasing functionality, and dynamic UI components.
- Built comprehensive event management features including highlights generation and custom query processing.

•**Hasthakshar using Deep Learning**
 Computer vision system to recognize and translate Indian Sign Language gestures Link

- 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 with high accuracy.

CERTIFICATIONS

•**GEN AI Using IBM Watsonx | Cyber Physical Systems** *Apr 2025 | Mar 2024*
IBM Career Education Program - Cognitive Class | NPTEL

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)

ACHIEVEMENTS

•**Zelestra X AWS ML Ascend Challenge 2025 Finalist** *2025*
Finalist (Top 50 out of 1500+ teams) in ML competition on solar energy prediction with 7000+ participants.

•**HackXplore 2025 Finalist** *2025*
Secured position in top 10 finalists among 350+ participants at SPIT Mumbai hackathon.

•**Hacktoberfest 2024 Contributor** *Oct 2024*
Successfully participated in open source contribution event, contributing to multiple repositories.

LEADERSHIP & EXTRACURRICULARS

•**Social Media Co-Lead** Eureka Club - VIT Bhopal *2023 - Present*

- Spearheaded social media campaigns that increased club engagement significantly across platforms.
- Managed event promotions for Advitya-2025, the annual techno-cultural fest, reaching thousands of attendees.

•**CCL Merit Scholarship Recipient** *2022-2024*
Awarded Central Coalfield Limited scholarship for academic excellence for two years.