Vivek Kumar Sen

Bhopal, Madhya Pradesh

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Career Objective

Motivated Computer Science student with expertise in web development and problem-solving. Skilled in building user-focused applications with a strong foundation in leadership, teamwork, and software development. Passionate about creating innovative and accessible technology solutions while continuously learning and contributing to impactful projects.

Education

Bachelor of Technology (Computer Science) — **Graduation Year: 2027**
Technocrats Institute Of Technology - Computer Science & Engineering , Bhopal — *CGPA: 8.48*

Senior Secondary School- CBSE Board — **Completed: 2023**
Pt. Ram Chandra Mishra Memorial Public School, Prayagraj — *Percent: 65.4%*

Secondary School- CBSE Board — **Completed: 2021**
Pt. Ram Chandra Mishra Memorial Public School, Prayagraj — *Percent: 67%*

Technical Skills

Programming Languages: Java
Frontend: HTML, CSS, JavaScript.
Backend: SQL, Firebase, REST APIs.
Tools: VS Code, Git, GitHub, Firebase.
Core Concepts: DSA, OOP, DBMS, OS.
Soft Skills: Problem-Solving, Leadership, Adaptable, Quick Learner.

Projects

ResQConnect | *Rescue Agency Registration & Location Display Application* | Java, Firebase, Google Maps API

- Agency Registration System – Allows rescue agencies (police, ambulance, fire brigade, disaster response teams) to register and update their details in a centralized platform.
- Real-Time Location Display – Displays registered agencies' live locations on an interactive map, enabling users to quickly find and contact the nearest rescue service.
- Emergency Support & Accessibility – Provides users with quick access to emergency contacts and services, ensuring faster response and improved coordination during critical situations.

VoxMail | *AI-Powered Voice-Based Email System* | Java, Gmail API, Speech Recognition, Text-to-Speech

- Built an AI-powered voice-controlled email system enabling users to compose, send, read, and manage emails through voice commands.
- Integrated speech recognition and text-to-speech for hands-free and accessible communication.
- Developed voice-based navigation, inbox reading, email composition, and automated email sending.

Certifications & Achievements

- **Salesforce Certified Platform Developer (2026):** Certified in Salesforce platform development, administration, customization, and application management.
- **Microsoft Azure Fundamentals (AZ-900) (2026):** Earned foundational certification covering Azure cloud concepts, core services, architecture, networking, storage, security, governance, and cloud solutions.
- **NPTEL Certification in Compiler Design (2026):** Covered lexical analysis, parsing, semantic analysis, syntax-directed translation, intermediate code generation, code generation, and code optimization.
- **NPTEL Certification in Cloud Computing (2025):** Focused on architecture, virtualization, cloud services, distributed computing, cloud infrastructure, deployment models, security, and cloud storage.
- **IBM SkillBuild Program (2024):** Completed training and earned certifications in Generative AI, Cloud Computing, and Project Management in collaboration with Edunet Foundation.
- Solved **1600+** (Basic + DSA) problems on CodeChef, LeetCode.