KULDEEP SINGH SHEKHAWAT

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Education

Bachelor of Technology in Computer Science and Engineering	2022 – Present
VIT Bhopal University, Bhopal, Madhya Pradesh, India	CGPA: 8.64/10.0
Senior Secondary Education (Class XII, CBSE)	2021 – 2022
Chameli Devi Public School, Indore, Madhya Pradesh, India	Percentage: 94.2%

Technical Skills

Programming Languages: Java, Kotlin, JavaScript, TypeScript, Python, MySQL, HTML, CSS
Frameworks and Libraries: Angular 18, Flask, React, Scikit-Learn, Matplotlib, Pandas
Tools and Platforms: Git, Jira, Android Studio, Visual Studio Code, AWS
Development Methodologies: Agile, Scrum, Test-Driven Development, RESTful API Development

Professional Experience

Software Engineering Intern — September 2024 – December 2024
XenPark Solutions, Indore, Madhya Pradesh, India

- Developed and maintained World Logistics Passport frontend using Angular 18, serving 10,000+ users
- Built responsive UI/UX designs ensuring cross-platform compatibility for web application
- Integrated RESTful APIs to streamline data processing for critical business operations
- Participated in Agile development workflows using Jira as part of a 6-member development team

Projects

Rakshini – Women's Safety Android Application | Kotlin, Java — June 2025

- Built Android application for women's safety and health management with emergency response features
- Implemented SOS functionality using SmsManager API and FusedLocationProviderClient to send emergency alerts with location data to trusted contacts
- Developed period tracking module and integrated educational resources for comprehensive health management

React Nickify – Open Source NPM Package | TypeScript, React, Tiptap — April 2025

- Created npm package for rich text editor toolbar with 800+ downloads on npmjs.com
- Collaborated with 3 developers on GitHub, managing pull requests for continuous integration
- Built modular TypeScript components using Tiptap framework for enhanced text editing functionality
- Package available at: npmjs.com/package/react-nickify

Parkinson Analyzer – Research | Python, Scikit-Learn, Matplotlib, CNN, RNN — May 2024

- Engineered a machine learning platform for Parkinson's disease diagnosis using voice, spiral, and wave data
- Attained 98% accuracy with CNN and RNN models, validated on 1,000+ patient datasets
- Generated Matplotlib visualizations to support medical diagnostics and research analysis

Extracurriculars

- Volunteered in CyberWarriors VITB Club, Enthusiast of Formula 1 motorsport and an active member of a competitive football team
- Imarticus Android App Development Certification (2025)

Languages

English: Professional Working Proficiency | **Hindi:** Native Speaker