

KULDEEP SINGH SHEKHAWAT

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Education

Bachelor of Technology in Computer Science and Engineering VIT Bhopal University, Bhopal, Madhya Pradesh, India	2022 – Present CGPA: 8.64/10.0
Senior Secondary Education (Class XII, CBSE) Chameli Devi Public School, Indore, Madhya Pradesh, India	2021 – 2022 Percentage: 94.2%
Secondary Education (Class X, CBSE) Chameli Devi Public School, Indore, Madhya Pradesh, India	2019 – 2020 Percentage: 90.02%

Technical Skills

Programming Languages: Python, Java, Kotlin, JavaScript, TypeScript, MySQL, HTML, CSS
Frameworks and Libraries: Angular 18, Flask, React, Scikit-Learn, Matplotlib, Pandas, Machine Learning, NLP
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 XenPark Solutions, Indore, Madhya Pradesh, India	September 2024 – December 2024
<ul style="list-style-type: none">Developed and maintained World Logistics Passport frontend using Angular 18, serving 10,000+ users.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

Parkinson Analyzer – Research Python, Scikit-Learn, Matplotlib, CNN, RNN	July 2025
<ul style="list-style-type: none">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.	
Sentiment Analysis – Research Python, Scikit-Learn, Matplotlib, NLTK, Pandas	May 2024
<ul style="list-style-type: none">Engineered a sentiment analysis pipeline in Python to process and classify over 50,000 user comments from 8+ digital platforms (social media, e-commerce, trading).Achieved 92% accuracy in sentiment classification (positive, negative, neutral) by leveraging Scikit-learn's machine learning models and NLTK for text pre-processing.	
Rakshini – Women's Safety Android Application Kotlin, Java	June 2025
<ul style="list-style-type: none">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.	
React Nickify – Open Source NPM Package TypeScript, React, Tiptap	April 2025
<ul style="list-style-type: none">Created npm package for rich text editor toolbar with 800+ downloads on npmjs.comCollaborated 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	

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)