Kuldeep Singh Shekhawat

📱 +91 9691440829 • ✉ kuldeepnkunsh@gmail.com • ⬡ Kuldeep-022
in Kuldeep022

Professional Summary

Software Engineer proficient in Java, JavaScript, TypeScript, and Angular, specializing in full-stack development of scalable, responsive web applications. Expertise in android development, cloud technologies, and Agile methodologies, delivering optimized solutions that improve performance by up to 30%. Skilled in frontend and backend development, with a proven ability to solve complex problems and collaborate effectively in cross-functional teams to achieve project goals.

Education

VIT Bhopal University   **Bhopal, Madhya Pradesh, India**
Bachelor of Technology in Computer Science and Engineering   *2022–Present*
CGPA: 8.67/10.0
Coursework: Data Structures, Algorithms, Database Systems, Web Development, Artificial Intelligence

Chameli Devi Public School   **Indore, Madhya Pradesh, India**
Senior Secondary (12th, CBSE Board)   *2021–2022*
Percentage: 94.2% (Mathematics, Physics, Chemistry, Informatics Practices)

Chameli Devi Public School   **Indore, Madhya Pradesh, India**
Secondary (10th, CBSE Board)   *2019–2020*
Percentage: 90.02%

Professional Experience

XenPark Solutions   **Indore, Madhya Pradesh, India**
Software Engineering Intern   *Sep 2024–Dec 2024*

- Designed and maintained World Logistics Passport frontend using Angular 18, Material UI for 10,000+ users.
- Enhanced frontend performance by 25% through optimized rendering and lazy loading techniques.
- Developed responsive UI/UX designs, ensuring compatibility across web and mobile platforms.
- Integrated RESTful APIs, improving data processing efficiency by 20% for critical operations.
- Collaborated in Agile workflows using Jira, delivering features in a 6-member team.

Projects

Kotlin, Java   **Android Development**
Rakshini

- Built an android application for women's safety and health management during emergency situations and everyday life.
- Offers an instant SOS feature using the SmsManager API and FusedLocationProviderClient to send emergency alerts with location data to trusted contacts.
- Optimized search performance by 30%, supporting 1000+ user queries with low latency.
- It combines SOS alerting, period tracking, and educational resources in a single, easy-to-use platform.

TypeScript, React, Tiptap   **Open Source**
React Nickify

- Created an npm package for a rich text editor toolbar, achieving 600+ downloads on npmjs.com.
- Collaborated with 3+ developers on GitHub, managing code reviews and pull requests for continuous integration.
- Improved functionality by 20% using modular TypeScript components and Tiptap framework.
- npmjs.com/package/react-nickify

Python, Flask, OpenCV, CNN **Research**

Gestures to Text Detection

- Engineered a machine learning platform that converts human hand gestures into readable text.
- Attained 96% accuracy with CNN models, validated on 1,000+ user datasets.
- Aimed at enhancing non-verbal interaction.

Technical Skills

Programming Languages: Java, Kotlin, JavaScript, TypeScript, Python, C++, SQL, HTML, CSS

Frameworks & Libraries: Angular 18, Flask, React, Node.js, Scikit-Learn, Matplotlib, Pandas

Tools & Platforms: Git, Jira, Android Studio, IntelliJ IDEA, PyCharm, VS Code, AWS

Methodologies: Agile, Scrum, Test-Driven Development, RESTful API Development, Continuous Integration

Professional Skills: Problem-Solving, Team Collaboration, Effective Communication, Time Management, Analytical Research

Certifications

- NPTEL Cloud Computing Certification - 1% Topper (2024)
- NPTEL Marketing Analytics Certification (2025)
- Imarticus Android App Development Certification (2025)

Languages

English: Fluent (Professional Proficiency)

Hindi: Native