

## BRIEF SUMMARY

Resourceful Computer Science undergrad with proven skills in Java, Python, and SQL, specializing in dynamic app and web development. Experienced in building user-focused solutions, integrating robust backends with responsive interfaces. Strong foundation in algorithms and database management. Quick to adapt, collaborative, and passionate about applying technology to solve real problems.

## KEY EXPERTISE

Web Development   Java   Full Stack Development   HTML   CSS   Python   SQL

## EDUCATION

### Medicaps University

2022 - 2026

B.Tech. - Computer Science & Engineering | CGPA: **7.35 / 10**

### St. Pauls Higher Secondary School, Indore

2022

12<sup>th</sup> | CBSE | Percentage: **78 / 100**

### St. Pauls Higher Secondary School, Indore

2020

10<sup>th</sup> | CBSE | Percentage: **86.40 / 100**

## INTERNSHIPS

### Medicaps University | IT / Computers - Software

09 Jun, 2025 - 04 Jul, 2025

Developed Android applications with on-device machine learning features using TensorFlow Lite (TFLite) during a college internship in collaboration with Google Developers. I also worked extensively with Google Colab for rapid model prototyping and training convolutional neural networks (CNNs), with practical experience in building and deploying image classification models.

## PROJECTS

### GrandCoffee – Dynamic Coffee Shop Website

Team Size: 1

Key Skills: Java   MySQL   Spring Boot   JSP   Eclipse

Project Link: <https://github.com/kdixit187/GrandCoffee>

- Built a responsive web application using Spring MVC and JSP, featuring dynamic pages like About, Gallery, and Contact.
- Implemented user login/registration with session and cookie management for personalized access.
- Used MySQL for storing customer data and validating credentials via backend service layer.
- Designed intuitive UI with Bootstrap, ensuring mobile-friendly experience and clean navigation.
- Followed MVC architecture, promoting separation of concerns and ease of future maintenance.
- Integrated role-based header rendering using session attributes to display different navigation for logged-in users.

## ASSESSMENTS / CERTIFICATIONS

### Core Java

Key Skills: Core Java

Completed Core Java Certification demonstrating strong understanding of object-oriented programming, data structures, exception handling, and Java best practices. Skilled in developing reliable Java applications and ready to apply core Java concepts in real-world projects.

### Advance Java

Key Skills: Advanced Java

Completed Advanced Java Certification with hands-on experience in building web applications using Servlets, JSP, JDBC, and frameworks like Spring and Hibernate. Skilled in advanced database integration, multi-threading, and applying design patterns for scalable, efficient Java solutions.

## J2EE

**Key Skills:** J2EE

Completed J2EE Certification, gaining practical experience in developing enterprise-level Java applications using Servlets, JSP, EJB, and JDBC. Proficient in building scalable, secure web solutions with integration of backend databases and frameworks, following best practices in modular and efficient application design.

## PERSONAL INTERESTS / HOBBIES

- Badminton – Regularly play badminton to maintain fitness and improve coordination and focus.
- Chess – Enthusiastic chess player with strong critical thinking and strategic planning skills.
- Reading Books – Avid reader of self-help books, focused on personal growth, productivity, and mindset development.

## WEB LINKS

- Github - <https://github.com/kdixit187>

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** 154 , Sanchar Nagar Extension, Kanadia Road, Indore, Madhya Pradesh, India - 452001

**Emails:** en22cs301518@medicaps.ac.in , kdworkspace19@gmail.com

**Date of Birth:** 19 Aug, 2004

**Known Languages:** Hindi , English

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