Ketan Bidave

Java Developer | Student Of Computer Applications

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Profile

Software developer with a strong foundation in Java and hands-on experience with technologies such as Spring Boot, Servlets/JSP, JDBC, SQL, HTML, CSS, and React. I started my journey with C and C++, but quickly discovered my passion for Java and have since focused on mastering its ecosystem, including JPA, AOP, OAuth, JWT, and MVC architecture, API development while building REST APIs for scalable applications. Alongside backend development, I am steadily gaining knowledge of deployment practices, Docker, and cloud platforms to build reliable and scalable applications. With a solid grasp of core concepts like object-oriented programming and data structures (arrays, linked lists, stacks, queues, binary trees, recursion), I am confident in solving problems through efficient design and clean code. Known for being a quick learner, adaptable, and collaborative, I am eager to continue expanding my skills while contributing to impactful, real-world software projects that create value at scale.

Education

- **Bachelor of Computer Applications (BCA)**
  College of Computer Science and Information Technology, Latur
  Jul 2023 – Jan 2026
    - CGPA: **9.0/10** (1st Year), **8.83/10** (2nd Year)
    - Key Coursework: C, C++, Java, Data Structures, DBMS, RDBMS, Web Development
    - Awarded NSP Scholarship

- **Higher Secondary Certificate (HSC), Commerce with IT**
  Dayanand College of Commerce, Latur
  2021 – 2023 | Percentage: **93.5%**
    - Selected IT specialization out of personal interest in computers
    - Secured 1st Rank in IT subject with 98/100

- **Secondary School Certificate (SSC), General**
  Dayanand College of Commerce, Latur
  2019 – 2021 | Percentage: **83%**

Courses & Online Learning

- **C Programming** – Apna College (online course)
- **C++ Programming** – CodeWithHarry (online course)
- **Core Java** – Telusko (online course)
- **Servlet & JSP** – Telusko (online course)
- **Spring Framework** – Telusko (online course)
- **Java DSA & Placement Course** – Apna College (structured online training)
- **React Basics** – CodeWithHarry (online course)

Achievements

- NSP Scholarship recipient.
- 1st Rank in HSC IT subject (98/100).
- Consistently strong academic performance.

Skills

- **Technical Skills:**

  - **Programming Languages:** Java (primary), SQL, C, C++, JavaScript, HTML, CSS

  - **Frameworks & Technologies:** Spring Ecosystem (Spring Boot, Spring Data JPA, Spring JDBC, Spring Security), Hibernate, Servlets/JSP, ReactJS, Tailwind CSS

  - **Databases:** MySQL, PostgreSQL

  - **Tools and Platforms:** Git, GitHub, Postman, Render, Vercel

  - **Core Concepts:** Object-Oriented Programming (OOP), Basics of Data Structures & Algorithms (Arrays, Linked List, Stack, Queue, Binary Tree, Recursion, HashMap)

- **Other Skills:**
  - Problem-solving
  - Analytical skills
  - Adaptability
  - Debugging
  - Teamwork
  - Communication

Projects

- **Padarth – Ingredient Info Provider (Apr 2025)**
  Built a web app using Servlet, JSP, Gemini API, and Tesseract OCR to provide health impact details of ingredients from images or manual search. Created as part of RSM-Hackathon S-25; not deployed publicly to avoid exceeding Gemini API credits.

- **Personal Portfolio Website (Feb 2025)**
  Built a responsive personal portfolio website using **HTML, CSS, and JavaScript** to showcase skills, projects, and achievements. Designed a clean UI.
  Deployed at: https://ketanb6.github.io/Portfolio/

- **MindCalc – Mental Math Game (July 2025)**
  Developed an interactive web-based math game using **Servlet and JSP**, allowing users to practice quick calculations. Focused on game logic, session handling, and UI for better user experience.
  Deployed at: https://mindcalc-ye1q.onrender.com/

- **TinyCut: URL Shortener (Sept 2025)**
  Developed a URL shortener using **Spring Boot REST API** with **PostgreSQL** on Render. The app stores long URLs, maps them with short codes, and provides short URLs for easy access.
  Deployed at: https://tiny-cut.vercel.app/

- **Online Quiz System (Ongoing – 5th Sem Project)**
  Building a full-stack web application for conducting online quizzes. Responsible for designing and developing the complete backend(authentication, quiz logic, database management, APIs). Tech stack: **Spring Boot MVC, Gemini API, MySQL, Spring Data JPA** and **React** (frontend), and **Postman** (API testing).

- **Other Console-Based Projects (Learning Phase)**
  Developed multiple console-based applications while learning core Java concepts, including a fully functional Hotel, Student, Library, and Banking Systems. These projects strengthened my understanding of **OOP**, data handling, and application flow.

Languages

- **English** – Read, Write, Speak (Fluent)
- **Hindi** – Speak (Proficient)
- **Marathi** – Read, Write, Speak (Fluent)
- **Kannada** – Speak (Native)