

Akshat Parate

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SUMMARY

B.Tech student with hands-on experience in Java, Spring Boot, React, and SQL/NoSQL databases. Built full-stack applications with 15+ REST APIs, reducing response time by 30% while handling 100+ concurrent users. Proficient in Data Structures and Algorithms with exposure to Data Science using Python.

EXPERIENCE

- AskGalore** Dec 2025 - Feb 2026
React.js Intern Bhopal
 - Developed **2 UI modules** using **React.js**, dropping **render time by 20%** via component hierarchy.
 - Cut **page fetch time by 30%** by refining asset delivery and eliminating redundant component re-renders.
 - Built **3 responsive pages** using **JavaScript, HTML, and CSS**, uniformly across **5+ screen sizes**.
 - Resolved **12+ UI bugs** by tracing state flow in **React** trees, cutting defect count by **40%**.
 - Integrated **2 REST APIs** into frontend views, reducing fetch calls by **35%** via reusable hook logic.
- VirtuNexa** Jan 2025 - Feb 2025
Java Developer Intern Bhopal
 - Scaled **API output by 45%** by overhauling **Spring Boot** layers and removing redundant steps.
 - Reduced **response latency from 480ms to 210ms** through parallel handling and efficient execution flow.
 - Rewrote **8 slow SQL queries** using indexed joins and batch fetching, cutting **average query time by 38%**.
 - Designed **4 RESTful endpoints** in **Java** with MVC structure, supporting **3 client-facing** features.
 - Wrote **15+ JUnit test cases** covering edge conditions, raising backend code coverage from **52% to 78%**.

TECHNICAL SKILLS

Languages: Java, Python.
Frontend: ReactJS, Vite, Tailwind CSS, TypeScript, Redux, GSAP, HTML5, CSS3, JavaScript.
Backend: Spring Boot, Spring MVC, Spring Security, REST APIs, Hibernate, JPA.
Databases: MySQL, PostgreSQL, MongoDB, JDBC.
Authentication/Integration: JWT, OAuth 2.0 (Google Login), Razorpay Integration.
Tools: Git, GitHub, Docker, AWS, CI/CD, Postman, Maven, Netlify, Render, Supabase, VS Code, IntelliJ Idea, SEO.

PROJECTS

- Zonnecto (Live)** *React, Java, Spring Boot, PostgreSQL, Redis, Razorpay* [Source Code](#)
 - Secured **100+ users** via **JWT authentication** and structured access rules for secure operations.
 - Created **15+ APIs** bringing **response time down from 500ms to 250ms** through streamlined request flow.
 - Deployed **Redis caching** layer dropping **DB query volume by 35%** and stabilizing read-heavy endpoints.
 - Integrated **Razorpay** payment gateway handling **3 transaction types** with server-side order validation.
- Cartvix (Live)** *React, Java, Spring Boot, MySQL, OAuth2, REST API* [Source Code](#)
 - Implemented **OAuth2 login** supporting **2 providers**, replacing manual auth and cutting overhead by **60%**.
 - Architected **6 backend modules** in **Spring Boot** achieving **45% request capacity gain** under stress tests.
 - Applied **MySQL indexing** on **4 high-traffic tables**, lowering **query response time by 35%** under stress.
 - Launched **admin dashboard** managing **5+ product categories** with inventory and order tracking.
- Echointellect (Live)** *React, Python, Flask, TypeScript, AppScript, REST API* [Source Code](#)
 - Integrated **4 LLMs** enabling **outputs** from GPT, Gemini, DeepSeek, and Perplexity in one workflow.
 - Optimized **parallel APIs** reducing **response time by 45%** through concurrent request handling.
 - Developed **TypeScript prompt engine** handling **100+ daily requests** with centralized response management.
 - Built **comparison dashboard** displaying **4 AI outputs side-by-side** for faster evaluation and analysis.

EDUCATION

- Jai Narain College of Technology, Bhopal** 2023-2027
Bachelor of Technology in Artificial Intelligence and Data Science CGPA: 7.27

CERTIFICATIONS

- DSA using Java:** Logical reasoning with data structures and algorithmic thinking concepts. *Certificate*
- Java Full Stack:** Frontend and backend integration with REST API development workflow. *Certificate*
- Database and SQL:** Query writing with indexing normalization and schema design concepts. *Certificate*

POSITIONS OF RESPONSIBILITY

- Core Team Member, SolveExpo - JNCT, Bhopal** 2026
 - Handled end-to-end logistics, scheduling, and floor operations at Solve Expo 2026 (Ideathon), supporting **150+ participants** across **50+ teams** with **zero delays**.
- Coordinator - Core Team, E-SPORTS Tournament - JNCT, Bhopal** 2024
 - Organized a college-level eSports event at JNCT — directed scheduling, bracket management, and live match flow for **50+ players** across **12+ teams**, completing **25+ matches** without disputes.