

# VIRENDRA GADEKAR

+91-7414968840 | [gadekarvirendra@gmail.com](mailto:gadekarvirendra@gmail.com) | [linkedin.com/in/virendra-gadekar](https://linkedin.com/in/virendra-gadekar) | [leetcode.com/virendra\\_gadekar09](https://leetcode.com/virendra_gadekar09) | [github.com/viru0909-dev](https://github.com/viru0909-dev) | [codeberg.org/virendra\\_gadekar09](https://codeberg.org/virendra_gadekar09)

## Professional Summary

Java Full Stack enthusiast with active open-source contributions in the Jenkins ecosystem. Skilled in building scalable backend systems using Spring Boot 3 and solving algorithmic challenges. Passionate about clean code, unit testing, and DevOps automation.

## Education

**Dr. D.Y. Patil School of Science and Technology**  
*Bachelor of Computer Applications (BCA); CGPA: 9.09 / 10.0*

Pune, India  
2024 – 2027

## Technical Skills

**Languages:** Java (Core/Advanced), C++, C, JavaScript, SQL (PostgreSQL), Python, HTML/CSS

**Frameworks:** Spring Boot 3.2, React.js (Vite), Hibernate, Flask, Tailwind CSS

**DevOps & Tools:** Jenkins (Infra/Tooling), Docker, Git/GitHub, Postman, IntelliJ IDEA, Linux

**Concepts:** Data Structures & Algorithms, RESTful APIs, OOPs, Design Patterns (Strategy, Singleton)

## Open Source Experience

**Jenkins (Infrastructure & Tooling)**

Remote

*Open Source Contributor*

Nov 2025 – Present

- **Merged Feature (PR #1428):** Implemented an idempotent PR creation logic in `plugin-modernizer-tool` to prevent API 422 errors and duplicate notifications, significantly improving tool robustness.
- Designed a configurable **Strategy Pattern** (SKIP, UPDATE, IGNORE) accessible via CLI, allowing users to strictly control behavior when handling existing Pull Requests.
- Collaborated with core maintainers to resolve code reviews, refactor legacy logic, and improve unit test coverage using **Mockito**.
- Contributed to `jenkins-rpm-packaging` to ensure smoother installation processes on Linux environments.

## Projects

**Nyay-Setu (Digital Judiciary Platform)** | *Spring Boot, React, Groq AI* | [Source](#) [Live](#) **June 2025 – Present**

- Architected a full-stack legal tech platform bridging the gap between citizens and the judiciary; integrated **Groq LPU (Llama-3)** to power 'Vakil-Friend', an AI chatbot for instant legal query resolution.
- Built a secure **Judicial Efficiency Flow** with JWT-based RBAC, allowing Judges to claim cases from an unassigned pool.
- Developed a 'Legal Marketplace' for hiring vetted lawyers; deployed frontend to Vercel and containerized backend services for scalable deployment.
- Recognized as a **VOIS for Tech Innovation Marathon 2.0** Participant.

**SmartCampus AI (Predictive ERP)** | *Java, Spring Boot, Python, React* | [Source](#) [Live](#) **Aug 2025 – Oct 2025**

- Designed a proactive ERP system featuring a **Predictive Intervention Engine** that uses a Logistic Regression model to calculate student dropout risk scores (0.0-1.0) in real-time.
- Implemented a decoupled microservices architecture: Spring Boot handles core academic operations (Fees, Attendance) while a Flask microservice executes ML inference.
- Selected as **College Level Winner** for Smart India Hackathon (SIH) 2025; created a unified mentor dashboard to visualize risk data.

## Achievements & Certifications

**LeetCode:** Solved 90+ Problems (Java/C++); earned **50 Days Badge 2025** for consistency.

**Hackathon Finalist:** Selected for **VOIS for Tech Innovation Marathon 2.0** (Vodafone Intelligent Solutions).

**Hackathon Qualifier:** Winner of Internal College Round for **SIH 2025** (Smart India Hackathon).

**Certification:** Master Microservices with Spring Boot & Spring Cloud (Udemy).

**Certification:** Java Data Structures & Algorithms + LEETCODE Exercises (Udemy).