

# Mayank R Rathod

Java Developer - Full Stack Java Developer

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## Summary

Dedicated and detail-oriented Java Full Stack & Backend Developer. Specialized in building robust and scalable server-side applications using Java, Spring Boot, Hibernate/JPA, and PostgreSQL, along with frontend expertise in HTML, CSS, JavaScript, and Next.js. Experienced in developing secure RESTful APIs with JWT authentication, containerization with Docker, and managing databases including MySQL & PostgreSQL. Hands-on with real-world projects such as admin panels, backend media platform simulation, games, personal portfolio, and freelancing work. Passionate about solving complex backend challenges and delivering efficient, production-ready applications.

## Education

**Bachelor of Science in Computer Science** Brijlal Biyani Science College, Amravati.

Sant Gadge Baba Amravati University.

Aug 2022 – May 2025

## Technical Skills

- Languages: Java, JavaScript, TypeScript, Python, SQL, HTML5, CSS3.
- Frameworks & Libraries: Spring Boot, Node.js, Express.js, Next.js, FastAPI, TailwindCSS.
- Databases: PostgreSQL, MySQL, MongoDB, Redis.
- Tools: IntelliJ, VS Code, Git, BeautifulSoup.
- Soft Skills: Problem Solving, Communication, Teamwork, Adaptability.

## Experience

### Web Developer Intern – Educron, Nagpur (Remote)

Aug 2024 – Nov 2024

- Developed and deployed a fully functional Admin Panel using HTML, CSS, JavaScript, and XAMPP (MySQL).
- Collaborated with senior developers to design and implement CRUD operations for managing users and products.
- Strengthened knowledge of database management, authentication, and responsive UI development.
- Collaborated with cross-functional agile teams and mentored backend developers.

**Key Tech:** HTML5, CSS3, JavaScript, Bootstrap, TailwindCSS, PHP, MySQL, XAMPP, Git, VS Code.

### Freelance Full-Stack Developer

Jun 2025 – Present

- Developing a full-stack platform for a client's company to simulate professional freelancing experience.
- Using Java, Spring Boot, Next.js, PostgreSQL, HTML5, CSS3, TailwindCSS, Redis, Docker.
- Implementing REST APIs, authentication, and database management to deliver a scalable solution.

**Key Tech:** Next.js, Spring Boot, Java, PostgreSQL, Redis, Docker, Tailwind CSS.

## Projects

### Backend Media Platform Simulation

- Developed a backend simulation platform with secure authentication and role-based access.
- Implemented user management, content workflows, and RESTful APIs using Java, Spring Boot, Hibernate/JPA, JWT authentication, and MySQL/PostgreSQL.

**Key Tech:** Java, Spring Boot, Hibernate/JPA, JWT Authentication, MySQL, PostgreSQL.

## **Personal Portfolio Website**

- Designed and deployed a fully responsive personal portfolio to showcase projects and skills.
- Built with modern frontend tools and deployed for production use.
- Deployed using vercel

**Key Tech:** Next.js, TypeScript, Tailwind CSS, HTML5, Vercel.

## **Flappy Bird Game (Clone)**

- Created an interactive clone of the classic Flappy Bird game with smooth animations. collision detection, and responsive gameplay mechanics.
- Enhanced the project to demonstrate problem-solving, game logic, and front-end creativity.

**Key Tech:** Java, Java Swing for the GUI, and Java AWT for event handling and graphics.

## **Certification**

- HTML, CSS, and JavaScript – Springboard
- UI/UX Design Certification
- Java Certification
- TCS iON Carrer Edge – Young Professional
- Oracle Database for Developers Certification
- Full Stack Java Development Certification – Simplilearn

## **Languages**

- Hindi , Marathi , English

## **Extra curricular activities**

- State level Carrom Player