

# Sachin Rathod

## Software Engineer

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### PROFESSIONAL SUMMARY

Results-driven Full Stack Engineer with nearly 3 years of intensive experience building scalable enterprise applications using Java, Spring Boot, React.js, and AWS. Proven track record of optimizing system performance and automating CI/CD pipelines to accelerate delivery. Adept at solving complex architectural challenges—leveraging a strategic mindset derived from competitive chess—to deliver robust microservices and secure APIs in fast-paced Agile environments.

### CORE COMPETENCIES

Full-Stack Development | Java | Spring boot | React | RESTful API Design | Agile Methodology | Microservices | MySQL

### TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, Python, C#, Golang  
**Backend:** Spring MVC, Hibernate ORM, Microservices Architecture, RESTful Services, API Integration  
**Frontend:** Material UI, Redux, Axios, React Hooks, Component Lifecycle  
**Frameworks:** Spring Boot, React.js, Angular  
**Databases:** MySQL, PostgreSQL, SQL Server, MongoDB  
**Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, Jenkins, GitLab, CI/CD pipelines, Perforce, Code (IaC)  
**Concepts:** OOPs, REST APIs, JWT, Spring Security, System Design, Software Development Life Cycle(SDLC)  
**Tools:** Git, Jira, IntelliJ IDEA, Eclipse, PyCharm, VS Code, Postman, JUnit

### PROFESSIONAL EXPERIENCE

**Software Engineer - Neurealm** (formerly GAVS Technologies) | Chennai | Dec 2024 - Present

Designing, developing, and maintaining scalable backend services in Java using Spring Boot, following clean architecture and SOLID principles.

- Building RESTful APIs with Spring MVC, Spring Data JPA, and Spring Security, implementing JWT-based authentication and role-based authorization.
- Developing responsive frontend components using React.js, integrating them with backend APIs for end-to-end feature delivery.
- Working with Go (Golang) to build lightweight services and utilities, leveraging goroutines and channels for concurrent processing.
- Optimizing application performance through efficient SQL queries, indexing, and transaction management in MySQL.
- Implementing CI/CD pipelines using Jenkins and GitLab, automating build, test, and deployment workflows to reduce release cycles.
- Collaborating with Agile cross-functional teams, actively contributing to sprint planning, code reviews, and production issue resolution.

**Full Stack Developer - Smart Data Solutions** | Chennai | June 2023 - Dec 2024

- Delivered responsive and secure web applications using React.js, Spring Boot, and MySQL.
- Optimized SQL queries and improved database performance.
- Deployed scalable applications using AWS EC2 and Docker.
- Maintained Java-based microservices ensuring high reliability and test coverage.
- Conducted unit and integration testing using JUnit and Mockito.
- Delivered high-quality features within Agile sprints and ensured timely release cycles.

### PROJECTS

**SaChess - Real-Time Chess Web Application** ([GitHub](#))

- Developed a real-time multiplayer chess engine using WebSockets (Socket.io) for sub-100ms move synchronization.
- Integrated the Stockfish AI algorithm for single-player analysis and secured user sessions via JWT authentication.
- Tech Stack: React.js, Spring Boot, WebSockets, MySQL, Stockfish AI API

## **Event Management System ([GitHub](#))**

- Built a comprehensive event scheduling platform featuring role-based access control (RBAC) and automated email notifications.
- Designed a normalized MySQL schema to handle complex relationships between users, venues, and schedules efficiently.
- Designed and implemented RESTful API endpoints and database connectivity, demonstrating skills in full-stack web development, teamwork, and problem-solving.

## **EDUCATION**

PG-DAC - C-DAC Pune | 2023 | 84.63%

B.E. - Government College of Engineering and Research, Pune | 2020

## **CERTIFICATIONS**

- [GitHub Copilot for developers](#) – LinkedIn Learning
- [Generative AI for Everyone](#) - Coursera
- [Java](#) and [Problem Solving](#) - HackerRank Certified
- C-DAC Advanced Computing Certificate - 84.63%

## **ACHIEVEMENTS**

- Ranked 39th - Delhi Open Grandmaster FIDE Chess Tournament (C Category)
- Ranked 2nd - MANNU International FIDE-rated Chess Tournament, Hyderabad