

Gagan Chauhan

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Education

Chitkara University, Bachelor of Engineering in Computer Science	2021 – 2025
CGPA: 8.56/10.0	
Ryan International School, Senior Secondary Education	2020 – 2021
Percentage: 80%	

Experience

Software Engineer (Intern), Prismberry Technologies Pvt. Ltd, Noida	Oct 2024 - Present
<ul style="list-style-type: none">Designed and implemented scalable RESTful APIs with Spring Boot, resulting in 30% improved response times, complemented by comprehensive Swagger/OpenAPI documentation for enhanced developer integration.Orchestrated database migrations using Flyway across MySQL, ensuring zero-downtime deployments and data integrity across diverse environments.Optimized database queries and implemented indexing strategies, reducing query execution time by 35% and improving overall system efficiency.Established CI/CD pipelines with Maven/Gradle for automated testing and deployment, while also contributing to code quality through comprehensive testing and code reviews.Collaborated in Agile development environment using JIRA for sprint planning and task management.	

Skills

Languages: Java, SQL
Frameworks/Libraries: Spring, Spring Boot, Spring Security, Hibernate, ORM, JPA, React.js, Node.js, Express.js, TailwindCSS
Databases: MySQL, PostgreSQL, MongoDB
Architecture: Microservices, RESTful APIs, MVC, Design Patterns
Tools: Docker, Git, GitHub, GitLab, JIRA, Linux, Maven, Gradle, VS Code, IntelliJ

Projects

Rental Management System	Live
<ul style="list-style-type: none">Architected and built a Rental Management System using Spring Boot, JPA, Hibernate, and PostgreSQL to streamline property leasing and financial management.Engineered a secure Approval Workflow with role-based access control, reducing unauthorized transactions by 100% before transitioning agreements from DRAFT to ACTIVE.Implemented automatic rental agreement lifecycle management with configurable escalation rates, security deposits, late payment penalties, and automated renewals.Integrated with AWS S3 for secure document storage and retrieval with proper encryption and access controls.Optimized database queries and indexing for efficient rental payment tracking and reporting, improving system response time by 40%.Technologies Used: Spring Boot, JPA, Hibernate, Maven, Lombok, PostgreSQL, AWS S3, UUID-based ID management.	
SocialBuzzy - Social Media Platform	Code Live
<ul style="list-style-type: none">Developed a responsive full-stack social media application using React.js, Node.js, Express.js, and MongoDB, delivering a highly interactive user experience.Implemented real-time updates via WebSockets (Socket.io) for feeds, messaging, and notifications, enhancing user engagement and interactivity.Engineered secure user authentication and authorization system with JWT tokens, email verification and OAuth 2.0 integration.Designed and optimized MongoDB schemas for efficient data retrieval and management.Technologies Used: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.io, OAuth 2.0, JWT.	