

# Gitesh Kumar

Software Developer | Noida  
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## SUMMARY

Software Engineer with almost 2 years of experience in designing and implementing software systems. Proficient in writing clean, efficient, and maintainable code, with a strong focus on software quality, problem-solving, and performance optimization.

## TECHNICAL SKILLS

- Languages:** Java, C++, JavaScript (ES6+), HTML5, CSS3, SQL.
- Core Concepts:** OOP, multithreading, concurrency, SDLC, system design, design patterns, scalability, distributed systems.
- Data Structures:** Arrays, Linked Lists, Stacks, Queues, Trees, Graphs, Hashing, Disjoint Set Union (DSU)
- Algorithms:** Dynamic Programming, Greedy, Sorting, Searching, Breadth-First Search (BFS), Depth-First Search (DFS)
- Backend:** Spring Boot, Hibernate, JPA, JDBC, Servlets, JSP, RESTful APIs, Microservices, WebSockets, Webhooks, CORS, Auth(JWT), Payments, Logging, Error Handling.
- Frontend:** React.js (Hooks), Axios/Ajax, Bootstrap, jQuery.
- Database & ORM:** MySQL, PostgreSQL, Hibernate ORM, JPA Repositories, Native Queries, Indexing
- Deployment & Infrastructure:** AWS (EC2, RDS, S3), VPS environments, containerization, JAR/WAR packaging, Nginx, Apache Tomcat, systemd.
- Tools & IDEs:** Git, Eclipse, IntelliJ IDEA, VS Code, Postman.

## EXPERIENCE

### Senior Software Engineer

Pareekshn, SPIWD

June 2024 – Present

Noida, India

- Building scalable web applications; collaborating across teams to deliver secure, efficient, and user-facing features.

### Junior Software Developer

Your Webstore

July 2023 – April 2024

Dehradun, India

- Developed and optimized e-commerce systems, integrating backend services with frontend components and APIs.

## RECENT PROJECTS

### Survey Platform | Spring Boot, ReactJs, MySQL

- A platform for conducting government land lease surveys, with a Spring Boot backend, React web client, and Kotlin mobile app.
- Designed database and backend system for handling survey data, including functions for analyzing data and generating server-side Excel and PDF reports.
- Configured a headless browser (Playwright) within the server to render dynamically generated pages and generate PDFs for reports and documents.
- Created secure RESTful APIs (with AES-256 encryption and authentication) to power a role-based data analytics dashboard for multiple user groups, enabling real-time insights and reporting.

### Pareekshn Admin Panel | Spring Boot, JSP, JavaScript, JQuery, MySQL

- A back-office administration and operations platform for creating, scheduling, monitoring, and processing assessment results.
- Designed RESTful APIs and integrated user interfaces to manage exams, users, and results, improving overall platform usability.
- Optimized database queries and implemented real-time scoring logic for faster analytics and automated report generation.

## PROFILE LINKS

- Leetcode:** <https://leetcode.com/u/GiteshKumar/>
- GeeksforGeeks:** <https://www.geeksforgeeks.org/user/giteshb260/>
- Gitesh.Dev - Portfolio Website:** <https://www.gitesh.dev/> (Self-hosted on VPS with Nginx routing, custom domain DNS configuration, and SSL setup)