

Arihant Jain

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[in](#) LinkedIn | [G](#) Github | [L](#) Leetcode

SKILLS

- **Languages/Runtimes:** Java (JDK 8+), JavaScript, TypeScript, C++, SQL, NoSQL (MongoDB)
- **Backend Frameworks & Libraries:** Spring Boot, Hibernate (JPA/ORM), Express.js, MVC, RESTful API design, JWT authentication
- **Developer Tools:** Git, GitHub, BitBucket, Docker, Kafka, IntelliJ IDEA, VS Code, Android Studio
- **Database Systems:** MySQL, Oracle, MongoDB, Firebase, SQLite
- **Frontend/Full Stack Tools:** React, Angular, Node.js, Tailwind CSS, HTML5, CSS3
- **Testing/Automation:** Selenium, JUnit/TestNG (for Java)

EXPERIENCE

- **Associate Software Engineer** Sep 2024 - Present
Carelon Global Solution Gurgaon, Haryana
 - Optimized **Spring Boot** service layer by refactoring inefficient **JPA queries** and adding B-tree indices - Reduced API response time by **80%**.
 - Designed and implemented **RESTful** endpoints for associate data, ensuring **SSO-based** authentication and role-based access control.
 - Troubleshooted and resolved critical bugs in Angular front-end by coordinating with backend teams to improve API contracts, cutting page load times by **50%**.
 - Collaborated with DevOps to containerize microservices (**Docker**), automated builds with **Jenkins** pipelines, and deployed to **AWS ECS**, resulting in **30%** faster release cycles.
- **Java Full-Stack Trainee** May 2023 - Sep 2023
Wipro Mohali, Punjab
 - Built a sample **Microservices-based** e-commerce application in **Spring Boot** with **H2/MySQL**, using **Hibernate** for persistence and REST controllers for CRUD operations.
 - Successfully completed an in-depth **Java** training program, gaining expertise in core Java concepts, **Spring Boot** for building scalable applications, **ORM** tools for efficient database mapping, and **Hibernate** for object-relational persistence.
- **SDE Intern** Jul 2022 - Dec 2022
Readmotive Remote
 - Developed a RESTful API to ingest real-time sensor data from ESP32 via **MQTT**, which improved data ingestion reliability by **25%**.
 - Wrote **C++** scripts for **ESP32** to process sensor readings, unit-tested using the Arduino IDE, achieving sub-second latency for telemetry push.
 - Improved **SEO** visibility by 20% using **responsive** design and **Next JS**.

PROJECTS

- **Youtube Clone** [Github](#)
Tools: Javascript, Nodejs, NextJS, React, Expressjs, MongoDB, JWT, DBMS, Postman, Docker, Mongoose, Multer, openAI
 - Built and load-tested RESTful APIs using **Node.js**, **Express.js**, and **MongoDB**, supporting over **1,000+** concurrent requests with <200 ms average response time.
 - Designed secure auth flows with **JWT** access/refresh tokens, role-based access control (**RBAC**), and password hashing (**bcrypt**).
 - Containerized the application using **Docker** for seamless deployment and environment consistency throughout development and production.
- **Home Automation System** [Github](#)
Tools: Java, Flutter, Dart, Android Studio, Firebase, Aws, IOT, API, Arduino, MQTT
 - Developed an advanced home automation app with **Flutter**, **AWS** and **Firebase**, improving smart device control by 40% through seamless hardware integration.
 - Implemented scripts for **ESP32** to environment temperature and humidity readings.
 - Architected real-time monitoring with **MQTT** and automated features, increasing efficiency by 50% in daily routines.

EDUCATION

- **Chandigarh University** Mohali, Punjab
Bachelor of Computer Science Aug 2020 - May 2024
- **RNIP School** Meerut, UP
Matriculation- Higher Secondary May 2018 - May 2020