

HARSH GAUR

Software Developer | Java · React.js · Next.js · AI Integration

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Software Developer crafting high-performance web applications with Java, Spring Boot, React.js, Next.js, and MongoDB. Passionate about scalable architectures and AI-powered features, delivering clean, impactful solutions in fast-paced environments.

TECHNICAL SKILLS

Languages : **Java, JavaScript, Python, TypeScript, HTML5, CSS3, SQL.**

Frontend : **React.js, HTML, Tailwind CSS, Next.js, Thymeleaf.**

Backend : **Java Spring Boot, Node.js, REST APIs, Kafka, Microservices.**

Database : **MongoDB, MySQL, PostgreSQL.**

DevOps : : **Git, GitHub Actions, Docker (basic), AWS, Nutanix.**

Tools : **VS Code, Postman, JIRA, STS, IntelliJ, Burp Suite.**

Subject : **Data Structure, LLD, HLD, OOPs.**

EXPERIENCE

CDAC

Project Engineer | Noida, India

September 2024 - Present

- Developed and maintained RESTful APIs using Spring Boot for the C-SMART data analytics dashboard, handling data integration, cloud/on-premise deployments, and ensuring high system reliability and performance.
- Led full-stack development of a Management Information System (MIS) using Next.js (frontend) and Spring Boot (backend), focusing on dynamic reporting, resource tracking, and admin controls with a clean, responsive UI.
- Migrated legacy systems to modern Spring Boot architecture, built secure, scalable APIs, and collaborated with cross-functional teams to deliver efficient, user-centric solutions.
- Improved system performance by reducing load time by 40% through architectural optimizations and performance tuning, while actively monitoring system health and implementing security enhancements.

Project Associate | Noida, India

September 2022 - September 2024

- Developed a secure analytics dashboard using Spring Boot, Spring Security, JWT, and React, enabling real-time data updates and efficient performance with MongoDB.
- Built and deployed REST APIs for the E-Lab Portal to manage virtual machines, ensuring smooth operation on Tomcat and enhancing system usability.
- Designed robust databases for LMS CyberGyan, supporting real-time user data updates, personalized learning experiences, and video progress monitoring.
- Collaborated with cross-functional teams, prioritized security best practices, and stayed updated with emerging web technologies to deliver scalable solutions.

Internship Project Associate | Noida, India

February 2022 - September 2022

Web Developer | India

January 2020 - February 2022

EDUCATIONS

MCA - Guru Gobind Singh Indraprastha University 85%

July 2019 - July 2022

Bachelor of Science (Hons) CS - University of Delhi 68%

June 2016 - May 2019

Class XII - CBSE 92.6%

April 2015 - May 2016

Class X - CBSE 9.6 CGPA

April 2013 - May 2014