Ikshit Kansal

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💼Experience

Analyst
Oct 2023 − Present

HCL Technologies LTD
Bengaluru, Karnataka

- **EdTech Learning Platform:** Working as a backend developer responsible for managing Backend APIs to serve online with **Spring boot ,Microservices,JSP** and **React js** live streaming classes
- **Scalability and Performance Optimization:** Optimize API performance and scalability, ensuring that backend services can handle the dynamic nature of real-time online classes with minimal latency and downtime.
- **Database Management and Integration:** Develop and integrate with relational and NoSQL databases (e.g., MySQL) to store user data, class content, attendance records, and other platform-related information.
- **Scalable Architecture: Architected scalable solutions** to handle large volumes of export data, ensuring a **50%** increase in system throughput and accommodating growing client needs.
- **Client-Specific Customization:** Customized features for high-profile clients, improving their analytics capabilities and achieving a **25%** increase in client satisfaction.
- **Cross-Functional Collaboration:** Worked closely with data scientists and business analysts to align technical solutions with business requirements, leading to a **15%** improvement in project delivery timelines.
- **JavaScript and Node.js Integration:** Developed and integrated several backend modules using **JavaScript** and **Node.js** to enhance real-time processing and enable seamless communication between services, reducing latency by **20%**.
- **API Development:** Developed and implemented a suite of RESTful APIs leveraging Node.js, facilitating seamless data exchange across three major platforms; improved overall system performance, resulting in a **25%** reduction in downtime incidents.
- **JavaScript and Node.js Integration**: Developed and integrated several backend modules using JavaScript and Node.js to enhance real-time processing and enable seamless communication between services, reducing latency by 20%.

Analyst Trainee
Sept 2022 − Oct 2023

Big Basket (E-commerce)
Noida, Uttar Pradesh

- **Client Satisfaction:** Led enhancements in **Java, Spring Boot,** and **microservices,React js** increasing client satisfaction by **25%** and alignment by **20%**.
- **Project Leadership:** Developed and deployed **15+** modules, cutting delivery time by **30%** and optimizing overall performance.
- **Web App Development:** Designed interactive web apps using **JavaScript, JSP, AJAX**, and RESTful APIs, improving data exchange by **35%** and reducing latency by **25%**.
- **Database Optimization:** Restructured database schema, reducing query execution time by **40%** and data retrieval time by **25%**.
- **Agile Practices:** Implemented **Scrum** and **Kanban**, improving team efficiency by **15%**.
- **Technical Expertise:** Optimized Java and JEE internals, enhancing system performance and reliability.
- **Rapid Project Delivery**: Developed a application showcasing proficiency in JavaScript, React.js, and Express.js within a 4-week timeframe.
- **API Development**: Developed and implemented a suite of RESTful APIs leveraging **React.js**, facilitating seamless data exchange across three major platforms; improved overall system performance, resulting in a 25% reduction in downtime incidents.

⚙Technical Skills

Primary Technologies and Frameworks: Java (**Java 8 and Java 17**), Spring Boot, Spring Framework, Spring Data JPA, JavaScript, Node.js, Angular and AWS
Web Technologies: HTML, CSS, React Js, Microservices, Spring MVC, RESTful APIs, XML, JQuery, JSON, Kafka
Databases: MySQL, Redis
Test Automation: Test Driven Development (TDD), Behavior Driven Development (BDD)
Testing Frameworks: Junit

🎓Education

Kurukshetra University
Haryana, India

Bachelor of Technology in Computer Science and Engineering (CSE)
Aug 2018 − July 2022