SAGAR KUMAR

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SUMMARY

Innovative and detail-oriented Software Developer skilled in building scalable, reliable, and efficient software solutions. Proficient in **Java** and **Spring Boot**, with a basic understanding of frontend frameworks such as **Angular** and **React**. Adept at solving complex technical challenges, optimizing performance, and ensuring seamless user experiences. Passionate about learning and implementing new technologies, and a proactive team player with excellent communication skills.

EXPERIENCE

SD123 Software Technology LLP, Software Engineer   Remote, India (U.P.)
                                                                                             Sept 2023 – Present
- Designed and deployed comprehensive microservices architecture using the Spring Boot ecosystem.
- Developed secure authentication and authorization modules leveraging **Spring Security** and **JWT**.
- Boosted application performance by implementing caching strategies with **Redis cache**.
- Enhanced scalability and reliability by integrating **Apache Kafka** for **inter-service communication**.
- Utilized **AWS services (EC2, S3, RDS)** for seamless deployment and scalability.
- Streamlined data management with **MongoDB** and optimized workflows with **iText** for PDF generation.
- Managed Android app updates on the **Google Play Store**, ensuring adherence to platform guidelines.
- Improved user engagement with **OneSignal** for real-time push notifications.

RxLogix Corporation, Associate Software Engineer   Noida, India (U.P.)
                                                                                             Feb 2022 – Aug 2023
- Built robust Java-based applications leveraging **Hibernate** and **Spring Boot frameworks**.
- Developed robust software solutions, implemented efficient debugging techniques, and ensured code quality through unit testing using **JUnit**
- scalability of data-intensive applications using **Apache PDFBox**.
- Collaborated with frontend teams to develop responsive web applications using **Angular** and **TypeScript**.
- Strengthened the user experience by integrating seamlessly with UI and testing teams.

EDUCATION

KIET Group of Institutions, Ghaziabad, Computer Science and Engineering   B.Tech,
                                                                                         Aug 2018 – May 2022
- **Percentage:** 78.10
- **Coursework:** Data Structures and Algorithms, Operating System, Computer Networks, Database Management System

B.B.S. Inter College, Allahabad, UP, Mathematics   Intermediate,
                                                                                         July 2014 – May 2016
- **Percentage:** 70.60
- **Coursework:** Physics, Chemistry, Mathematics

S.J.L.N.R. Inter College, Kasili Deoria, UP, Science

<div align="right">High School,
July 2013 – May 2014</div>

- **Percentage:** 85.01
- **Coursework:** Mathematics, Science, Hindi, English, Social Science

PROJECTS

Weather Prediction App

- Developed weather prediction system using Java and Spring Boot.
- Integrated machine learning algorithms for accurate forecasts.
- Created user-friendly interface for personalized weather predictions.

E-Commerce

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- Developed and implemented customer-facing ecommerce website using Java and Spring Boot.
- Developed using Java Spring Boot, Hibernate, HTML, and CSS technologies.
- With a robust backend powered by Spring Boot and Hibernate.

Online Code Compiler

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- A user-friendly platform built with Java and Spring Boot for writing, compiling, and executing code in multiple programming languages. It offers a web-based editor with syntax highlighting and error checking, immediate feedback on code execution, and supports collaboration. Security measures ensure code isolation and data protection, making it a reliable resource for coding practice and experimentation.

SKILLS

Backend: Java, Spring Boot, Hibernate, Node.js, Kafka

Frontend: HTML, CSS, JavaScript, Angular, TypeScript, React.js, Next.js

Database: Redis, MongoDB, MySQL

Tools and Technologies: JWT Authentication, Spring Security, Apache PDFBox, iText, OneSignal

Cloud: AWS (EC2, S3, RDS)

ADDITIONAL SKILLS

GeeksForGeeks

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- Solved 110+ questions on GFG.

LeetCode

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- Solved 175+ (DSA + SQL) questions on Leetcode.

HackerRank

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LANGUAGES

Hindi, English, Bhojpuri

HOBBIES

Cricket, Sketching, Listening Music, Travel