

AJIT KUMAR MANDAL

Software Engineer



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Noida, India



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JOB OBJECTIVE

Enhance system reliability and user satisfaction by leading routine maintenance activities, addressing bugs, optimizing performance, and updating security measures within cross-functional teams.

EDUCATION

- BCA, Allen House Business School, Kanpur, 2021
- 12th, Gyan Bharti m/s Inter Collage, Kanpur, 2018
- 10th, Choudhary Kali Prasad H/S, Benipur, 2016

CORE COMPETENCIES

- Software Development Lifecycle
- Agile Methodologies
- Project Management
- User Experience Design
- Information Security
- Enterprise Integration
- IoT (internet of things)
- API Development
- Microservices Architecture

TECHNICAL SKILLS

- Java 2 Standard Edition (J2SE)
- Servlets, JSP, HTML, CSS, XML, Web Services, RESTful Services, JavaScript
- Spring Core, Spring MVC, Spring Boot, Spring Cloud, Spring Security, Junit, Swagger, Mockito, Kafka
- Firebase Cloud Messaging (FCM), AWS IoT Core
- MySQL, H2, MongoDB
- JDBC, JPA-Hibernate, Spring JDBC
- Apache Tomcat, Glassfish
- Eclipse, IntelliJ IDEA, NetBeans, Spring Tool Suite, Postman
- Windows, Ubuntu

PROFILE SUMMARY

- Possess nearly **4 years of experience in Java development**, specializing in Core Java, Spring Core, Spring MVC, Spring Boot, Servlet, JSP, FCM API, JDBC, Hibernate, JPA, and RESTful Web Services.
- Currently contributing expertise at MoMagic Technologies Pvt. Ltd. in Noida
- Proficient in Core Java, Spring Framework, and various other technologies, showcasing strong communication and team building skills.
- Successfully achieved improved system reliability and user satisfaction through regular maintenance tasks.
- In-depth knowledge of software development methodologies and best practices.
- Expertise in implementing and optimizing RESTful APIs for seamless data exchange.
- Proficient in designing and implementing scalable solutions using Java technologies, with a proven track record of enhancing system performance and reliability through Core Java, Spring Framework, and RESTful Web Services.
- Achieved reduction in system downtime by proactively addressing bugs and optimizing performance at MoMagic Technologies Pvt. Ltd., resulting in increased user satisfaction and operational efficiency.
- Displayed leadership and team collaboration skills in a technical environment.

WORK EXPERIENCE

Sep'21 to Present: Software Engineer at MoMagic Technologies Pvt. Ltd., Noida Role:

- Enhancing system reliability and user satisfaction by leading routine maintenance activities, addressing bugs, optimizing performance, and updating security measures.
- Enhancing system interoperability and data exchange by creating and integrating RESTful APIs.
- Exploring emerging technologies to gather valuable insights for upcoming projects through thorough research.
- Fostering collaborative team environments by actively engaging in code reviews and sharing knowledge during sessions.
- Showcasing robust problem-solving skills and attention to detail in everyday tasks.
- Utilizing technical expertise to optimize processes and streamline operations to enhance overall system performance.
- Maintaining high-quality deliverables by enforcing compliance with coding standards and industry best practices.
- Driving project success by collaborating efficiently with diverse teams to reach significant milestones.

PROJECTS

IRCTC

- **Role:** Backend Developer (Coding and Database Creation)
- **Responsibilities**
 - Developed and integrated **Firestore Cloud Messaging (FCM)** for real-time push notifications.
 - Designed and optimized **MySQL database schema** to efficiently manage notification data.
 - Implemented **multithreading** to enhance scalability and performance.

INTERESTS

- Fitness
- Travel

- Built **RESTful web services** to facilitate seamless communication between backend and mobile apps.
- **Platform:** Windows
- **Technology:** SpringMVC, Spring Boot, Hibernate, Firebase, Multithreading
- **IDE:** Eclipse | **Webservices:** RESTful | **Database:** MySQL
- **Description:** Implemented Firebase Cloud Messaging (FCM) for seamless push notifications, enhancing user engagement and app connectivity across Android and web platforms.

AdGyde

- **Role:** Coding and Maintenance
- **Responsibilities**
 - Developed and maintained **real-time data processing pipelines** using **Hadoop Spark & MapReduce**
 - Optimized **batch processing workflows** for large-scale mobile analytics data.
 - Implemented **log management and monitoring** using **Log4j**.
- **Platform:** Windows
- **Technology:** Spring MVC, Batch Processing, Big Data, Hadoop Spark, MapReduce, Json / Xml, MySQL Database, Flume, Log4j, JDBC, Redis, MyBatis, Spark Streaming
- **IDE:** IntelliJ IDEA
- **Description:** Contributed to a real-time mobile measurement platform for advertisers, optimizing mobile app installs and enhancing advertising campaign performance.

Soundbox

- **Role:** Java Developer – IoT & Backend (Programmer)
- **Platform:** Windows
- **Responsibilities:**
 - Designed and implemented a **Spring MVC-based backend** for IoT device communication.
 - Integrated **AWS IoT Core** with **Spring Boot** for real-time device management.
 - Developed **JSON/XML-based APIs** for seamless data exchange between IoT devices and backend.
 - Utilized **JPA & MySQL** for efficient data storage and retrieval.
 - Ensured **scalability and security** by implementing **proper logging (Log4j) and database optimization**.
- **Technology:** Spring MVC, Json / Xml, MySQL Database, Log4j, JPA, AWS IoT Device SDK
- **IDE:** SpringToolSuite4
- **Description:** Integrated AWS IoT Core with a Spring Boot application to enable real-time data processing and device management.

PERSONAL DETAILS

Address : Sector 44 Noida, 201303
Languages Known : Hindi, English
Date of Birth : 17th February 2000