Hariom Tiwari

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Skills

Java	MySQL
Spring Boot	MongoDB
AWS	Postman

Professional Experience

04/2024 – 05/2024
Noida

Software Development Intern R Systems International Ltd
R Systems International Ltd

- Developed **REST APIs** using **Spring Boot** and **MySQL** for an internal Attendance Management Portal.
- Created endpoints for daily logs, date-range summaries, and user-specific attendance history.
- Implemented backend logic with controller–service–repository architecture and **JPA**-based data access.
- Focused on clean API design and efficient query handling for real-time reporting.

Projects

AWS File Sharing Web App ⧉
- Developed a secure file-sharing application using **AWS Amplify**, **S3**, and **DynamoDB**
- Implemented **user authentication**, file upload/download, and public/private sharing features
- Customized an existing **React-based template** to build a responsive UI for file management
- Used Amplify for hosting, backend integration, and metadata handling via DynamoDB

Journal Management Application ⧉
- Developed a backend-only journal app using **Spring Boot**, **Lombok**, and **Spring Data MongoDB** for NoSQL database operations
- Used **MongoDB Atlas** for cloud storage and **MongoDB CLI** for remote database management
- Designed and tested REST APIs for journal entry management using **Postman**
- Developed in **IntelliJ IDEA** with Git for version control

Kisan Seva – Agri-Tech Platform ⧉
- Contributed to an agriculture-focused platform combining **machine learning** with real-world field data to deliver crop yield predictions
- Managed the **backend development and website functionality**, including API integration and server-side logic
- Deployed the application on **AWS EC2**, ensuring reliable hosting and uptime for field and farmer access
- Supported a dual-purpose system: personalized crop recommendations and an online agri-product marketplace

Azure Cloud Integration Project ⧉
- Built a simple **Spring Boot** web app with a basic form to collect user input
- Integrated the backend with **Azure SQL Database** for cloud-based data storage
- Demonstrated secure data submission and storage using Spring Data and Azure JDBC
- Focused on learning **cloud database connectivity**, deployment basics, and backend form handling

Education

11/2022 – 06/2026
Greater Noida

B.tech in Information Technology
Noida Institute of Engineering and Technology

2022
Noida

Class XII (CBSE)
Sarla Chopra D.A.V. Public School

2020
Noida

Class X (CBSE)
Sarla Chopra D.A.V. Public School