

SUNDARAM VERMA

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OBJECTIVE

Aspiring software developer with a strong passion for building user-centric web and AI solutions, leveraging skills in Next.js and Spring Boot. Experienced in API integration and dedicated to enhancing application performance. Eager to grow professionally while collaborating on innovative projects that positively impact users.

EDUCATION

MCA – Master of Computer Applications | HIMCS, Agra Sep 2023 – Jun 2025
BCA – Bachelor of Computer Applications | IBS Khandari, Agra Sep 2020 – Jun 2023

EXPERIENCE

Software Engineering Intern | Times Internet | Noida Feb 2025 – Aug 2025

- Developed and optimized **backend services** with **Java, Spring Boot, and Next.js**, improving scalability.
- Integrated APIs & databases ensuring reliability and responsiveness.
- Worked on **AI-powered backend features** for automation & recommendations.
- Participated in **code reviews** and followed clean architecture practices.

AI Training Coding Expert (Freelance) | Outlier | Remote Oct 2024 – Present

- Designed coding problems in **Java, Python, and DSA** for AI model training.
- Evaluated and optimized **AI-generated solutions**, ensuring correctness and performance.

PROJECTS

- RAG-based Recommendation System**
Built a multilingual news recommender prototype using **FAISS** and **Hugging Face transformers**. Designed an embedding-based search pipeline to match headlines with queries, fine-tuned **transformer models** for regional languages, and implemented **semantic search** for fast retrieval. Added user behaviour tracking and personalization features to enhance recommendation relevance and system scalability.
- JSON Comparator Tool**
Developed a **JSON data comparison** platform using **Spring Boot** for the backend and **Next.js** for the frontend. Supported **API** and file uploads, designed a side-by-side comparison viewer with color-coded highlights, and generated structured difference summaries. Added downloadable reports for easier collaboration and review across teams.
- Product Catalog Platform**
Engineered a full-stack e-commerce product catalog using **Spring Boot, React, and MySQL**. Designed **CRUD APIs** with **JPA**, optimized database schemas, and implemented search, filtering, and sorting on the frontend. Applied **MVC design principles** and used **Lombok** for cleaner code. Configured dual databases (**MySQL/H2**) with **Maven** build tools to support development and testing environments.

SKILLS

- Languages:** Java, Go (learning), Python, SQL, C
- Backend & Frameworks:** Spring Boot, Hibernate, REST APIs
- Databases:** MySQL, MongoDB
- Cloud & Tools:** Git/GitHub, Docker, CI/CD, AWS (EC2, S3, RDS)
- Other:** DSA, OOP, Web Development (Next.js, HTML, CSS, JS)

ACHIEVEMENTS

- AWS Certification** – Introduction to Amazon S3 (Sep 2025): Completed foundational AWS training on S3 covering cloud storage architecture, bucket policies, and scalable data management
- Hackathon Finalist** – Outlier.ai (2025)
- Certificate of Excellence** – Innovative Bharat 3.0 (2025)
- Led 50-member team as **Coordinator, Magnifest 2024** (College Fest)