

KAILASH SAHU

📞 +91-8144356718 📩 mr.kailashsahu08@gmail.com
📍 Bhubaneswar, Odisha, India 💬 LinkedIn 🐣 GitHub

SUMMARY

Software Developer with 2+ year of hands-on experience in full-stack development, specializing in backend engineering using Spring Boot, RESTful APIs, and microservices architecture. Expert in Java, PostgreSQL, Spring Framework ecosystem, and Agile/Scrum methodologies. Delivered scalable API solutions.

TECHNICAL SKILLS

Programming Language: Java, SQL, JavaScript , Typescript

Backend Technologies: Spring Boot, Spring MVC, Spring Security, Spring Data JPA, RESTful APIs

Frameworks & Libraries: ReactJS , NestJS, Thymeleaf, Maven, Gradle

Tools & Tech: Git, GitHub, IntelliJ IDEA, Eclipse, Postman, Docker, Pusher, Twilio SMS, Video SDK

Databases: PostgreSQL, MySQL

Frontend (Familiar): React, Next.js, Tailwind CSS

WORK EXPERIENCE

Junior Software Developer

Feb 2024 – Jan 2026

Bhubaneswar, India

- Delivered backend services for a **CRM for event management** using **Spring Boot, JPA/Hibernate, and PostgreSQL/MySQL**.
- Developed RESTful APIs for key modules including **event registration, scheduling, and attendee management**, improving operational efficiency by **10-20%**.
- Engineered end-to-end payment workflows using Spring Boot service layers and event-driven architecture, introducing a discount system that reduced manual pricing adjustments by 30% and improved transaction success rates.
- Launched an **email integration module (IMAP), real-time messaging system (Pusher)**, and **Twilio SMS/call integration**.
- Integrated **Video SDK** for virtual meetings and streamlined Git workflows in resolving conflicts.
- Contributed as a **Backend Developer** to an e-ticketing platform built with **NestJS, Next.js (admin panel)**, and **PostgreSQL**.
- Developed and optimized RESTful APIs for booking workflows and payment processing, optimizing API response times by 15% through efficient service design and database queries.
- Designed and optimized the database schema for the ticket booking module, ensuring data integrity, transactional consistency, and improving query performance by 10%.

PROJECTS

E-Healthcare Application

Spring Boot, JPA, PostgreSQL, React

- Engineered a scalable **hospital management system** backend using **Spring Boot, Spring Data JPA, Hibernate** with **PostgreSQL**, supporting **500+ patient records**.
- Delivered 10+ RESTful APIs for **patient registration, doctor scheduling, and appointment management** with online/offline booking, reducing appointment scheduling time by **50%**.

EHub (Online Learning Platform)

Spring Boot, Thymeleaf, PostgreSQL

- Built an **e-learning platform** using **Spring Boot MVC, Thymeleaf, PostgreSQL** supporting **100+ concurrent users** with course management and enrollment features.
- Implemented **Spring Security** with role-based access control (RBAC) and **JWT authentication**, securing **5+ user roles** and preventing unauthorized access.

EDUCATION

Indira Gandhi Institute of Technology

Odisha

Master of Computer Applications

Sept 2022 – May 2024

CGPA: 8.9

ACHIEVEMENTS & CERTIFICATIONS

- Solved 200+ algorithmic problems on **LeetCode** across data structures, algorithms, and system design.
- Earned **5-star rating in C++ and Java** on HackerRank, ranking in top **15%** of competitive programmers.
- Oracle Cloud Infrastructure Certified Foundations Associate** — Verify
- Oracle Cloud Infrastructure Certified AI Foundations Associate** — Verify
- NIIT Foundation: Software Testing Certification** — Verify