

Dikesh Kumar Sahu

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SUMMARY

Results-driven Software Engineer with hands-on experience in full-stack Java development and application development. Currently working as a Software Engineer L1 at Pranakshit IT Solution Pvt Ltd, developing NCERT-based interactive simulation applications. Proficient in Java, Spring Boot, and integrating third-party plugins. Passionate about building efficient, scalable software solutions and continuously expanding technical expertise.

EDUCATION

Biju Patnaik University of Technology

Bachelor of Technology in Computer Science CGPA-8.24

Rourkela, Odisha

Aug. 2020 – July 2024

Kalam Science Higher Secondary School, Brahmapur

Intermediate in Science 76.66%

Ganjam, Odisha

Aug. 2018 · Aug. 2020

Board of Secondary Education, Odisha

10th Grade 62.33%

Ganjam, Odisha

Completed in 2018

EXPERIENCE

Software Engineer L1

Pranakshit IT Solution Pvt Ltd

Dec 2025 – Present

- Developed and maintained two production-grade applications — Scilab and MathLab — that convert NCERT-based textbook activities into interactive simulations for enhanced student learning.
- Implemented core application logic handling UI interactions, simulation behaviour, and cross-platform compatibility.
- Integrated external plugins including Firebase, StartIOAd, AutoUpdater, and FirebaseFCM to enable real-time data sync, advertisements, push notifications, and seamless version updates.
- Utilized AWS S3 for storing and managing application PCK files, ensuring reliable and scalable cloud-based file delivery.

Full Stack Java Development Training

Naresh I Technology

Jul 2024 – Feb 2025

Hyderabad

- Designed full-stack web applications using java, Spring, and Spring Boot.
- Improving debugging and deployment practices using Maven and Tomcat Server.
- Engaged in collaborative session on UI design with HTML, CSS, and JavaScript.

PROJECTS

Hospital Management System | Java, JDBC, Servlets, JSP, MySQL, Maven

Aug 2024 – Sep 2024

- Designed and developed a multi-role login system for administrators, doctors, and patients, improving user accessibility.
- Implemented patient record management, appointment scheduling, and medical history tracking features.
- Enhanced efficiency by managing project dependencies with Maven and optimizing database interactions.

Dynamic Report Generation System | Spring MVC, Spring Boot, MySQL, JSP, Maven

July 2025 – Aug 2025

- Built a Spring MVC-based web application for dynamic report generation and management. Designed interactive web pages using JSP, JSTL, and Bootstrap for user-friendly report filters and downloads.
- Report generation in PDF and Excel formats using iText, and Apache POI. Added email notification module using JavaMail API to automatically send generated reports to users.
- Enhanced usability with features like date-range filters, export options, and report history tracking.

TECHNICAL SKILLS

Languages: Java, SQL

UI Module: HTML, CSS, Java Script

Technologies: JDBC, Servlet, JSP

Frameworks: Spring, Spring Boot, RESTFul Services & Microservices

Tools: Maven, Gradle, JUnit, Mockito, Eclipse, Spring Tool Suite (STS), SonarQube, Jenkins, Docker, GIT & GitHub

Database: Oracle, MySQL

Cloud: AWS (S3)