

Pranab Kumar Dwibedi

Information Technology

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SUMMARY

I'm an IT student with experience in Core Java, Advanced Java, Oracle SQL, and full-stack web development. I've built projects using Spring Boot, Hibernate, JDBC, and front-end tools like HTML, CSS, and JavaScript. I'm focused on writing clean code and learning more about backend systems and security.

EDUCATION

Balasore College of Engineering and Technology	2021-2025
(Bachelors of Technology in Information Technology)	8.46 CGPA
Jhadeswar +2 Sc. Residential Higher Secondary School	2019-2021
(Intermediate)	80%
Raghunath High School, Raikoma	2016-2019
(Matriculation)	75%

TECHNICAL SKILLS

- **Core Java:**
 - understanding of OOP concepts (Inheritance, Polymorphism, Abstraction, Encapsulation)
 - Knowledge of JVM Architecture and Memory Management
 - Experience with Collections Framework
- **Adv. Java**
 - Proficient in JDBC for database connectivity using Statement, PreparedStatement, and ResultSet.
 - Integrated Java web applications with MySQL/Oracle databases.
 - Proficient in ORM (Object Relational Mapping) using Hibernate.
- **Web Technology**
 - Proficient in developing responsive and dynamic web interfaces using HTML5, CSS3, and JavaScript (ES6+) with integration of RESTful services.
- **Oracle SQL**
 - Proficient in writing SQL queries, joins, subqueries, and set operations using Oracle SQL.
 - Experienced with DDL, DML, and TCL commands for effective database management and transactions.

PROJECTS

- **Loan Approval Prediction System - (Python, ML)**

Designed a machine learning-based system that accurately predicts the likelihood of loan approval based on applicant details such as income, credit history, employment status, and more.
- **Library Management System – (MERN Stack)**

Developed a user-friendly Library Management System to streamline book tracking, member management, and borrowing/return processes. The system supports real-time inventory updates, due date tracking, and automated fine calculation, enhancing efficiency and reducing manual workload for librarians and users.

WORK EXPERIENCE

- **JSPIDER - Internship** (2025)

Completed intensive Java Full Stack Development training at JSpider, covering **Core Java, JDBC, Hibernate, Spring, Spring Boot, HTML, CSS, JavaScript, and SQL** with hands-on project development.
- **PXE, DRDO - Internship** (2024)

Completed an one month internship at PXE, DRDO, focusing on data visualization using tools like **Seaborn** and **Matplotlib**. Contributed to a project titled '**Range Meeting Summarizer**', assisting in visual data representation for defense trial reports.