

# PRIYAMBADA SAHU

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## OBJECTIVE

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Enthusiastic Computer Science graduate with hands-on experience in full-stack development, Java frameworks, and REST API integration, seeking to leverage technical expertise in a dynamic IT environment .

## EDUCATION

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**Bachelor's in Computer Science**, Siksha 'O' Anusandhan University, Bhubaneswar 2020 - 2023

***Relevant Coursework:***

Data Structures and Algorithms; Object-Oriented Programming; Database Management Systems; Networking and Security; Software Engineering; Web Designing; Machine Learning; Internet of Things; Cloud Computing.

**Diploma in Computer Science**, Uma Charan Pattnaik Engineering School, Berhampur 2017 - 2020

***Relevant Coursework:***

Fundamentals of Programming; Digital Electronics; Computer Networks; Software Engineering Principles; Operating Systems .

**High School Education** , Saraswati Shishu Vidya Mandir, Ramahari Nagar, Berhampur 2016 - 2017

## TECHNICAL SKILLS

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Core Java	OOP concepts, Exception Handling, Multithreading, Collections, JDBC, JUnit, Java 8 Features (Lambdas, Streams, Functional Interfaces, Regex).
Advanced Java	Spring Boot, Spring MVC, Hibernate, REST APIs, Web Services.
JavaScript	DOM Manipulation, Event Handling, Asynchronous Programming (async/await), JSON,AJAX.
Web Technologies	HTML, CSS, Bootstrap
JavaScript Frameworks/Libraries	Node.js, React.js,
Database Technologies	MySQL
Other Skills	Git, GitHub, Docker, Jira, Jenkins, AWS Services,Postman, VS Code, RESTful APIs

## EXPERIENCE

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**Software Development - Intern** Aug 2023 - May 2024  
Kodnest Technology *Bangalore, India*

- Developed robust full-stack applications using Java for backend functionality.
- Designed and implemented responsive user interfaces with HTML, CSS, and JavaScript, enhancing user interaction by 30
- Resolved cross-browser compatibility issues in React.js components, ensuring a consistent user experience.
- Skilled in full-stack development lifecycle: analysis, design, development, testing, and deployment.

## PROJECTS

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### Beat-Box Music Application. ([GitHub Link](#))

#### Project Overview:

Developed a Java-based full-stack musical web application designed to manage song collections and user registrations, improving the overall music experience for both admins and customers.

#### Tech Stack:

Java, Spring Boot, Hibernate, MySQL, JPA, Maven, HTML, CSS, Thymeleaf.

#### Key Contributions:

- Designed and implemented backend functionality using Java and Spring Boot to support robust song management and user registration.
- Built a dynamic and user-friendly interface with HTML, CSS, and Thymeleaf to enhance the user experience for admins and customers.
- Developed and integrated RESTful APIs to ensure seamless data exchange between the frontend and backend systems, improving the application's performance and data handling.

#### Outcome:

Delivered a feature-rich musical platform that facilitates efficient song management, enhancing user engagement and system usability for administrators and users alike.

### Machine Learning Model to Diagnose Breast Cancer. ([GitHub Link](#))

#### Project Overview:

Developed a machine learning model to classify breast cancer tumors as benign or malignant using Python. The model enhances early diagnosis by implementing a range of algorithms and data analysis techniques. .

#### Tech Stack:

Python, Google Colab, NumPy, Pandas, Scikit-Learn, Matplotlib.

#### Key Contributions:

- Performed exploratory data analysis (EDA) to detect patterns and insights from the dataset.
- Implemented algorithms such as KNN, SVM, Naive Bayes, Decision Tree, and Random Forest.
- Achieved the highest accuracy using the Support Vector Machine (SVM) algorithm.
- Evaluated model performance using a confusion matrix to optimize prediction accuracy.

#### Outcome:

Enhanced the detection of breast cancer, contributing to healthcare predictive analytics and early diagnosis methodologies.

## JDBC- Java Data Base Connectivity . ([GitHub Link](#))

### Project Overview:

Developed a Banking Management System using Java for backend functionality and SQL Server as the relational database management system, ensuring efficient and secure banking operations.

### Tech Stack:

Java, SQL Server, JDBC (API).

### Key Contributions:

- Designed and implemented backend logic using Java to support core banking operations such as user authentication, account management, and transaction processing.
- Leveraged JDBC to establish seamless connectivity between the application and the database, ensuring efficient data interactions.
- Developed and executed CRUD operations for essential banking functionalities, including user management and transaction reporting.

### Outcome:

Delivered a robust banking system that improved user management and transaction efficiency, enhancing overall banking operations. .

## CERTIFICATIONS

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- **Java Full Stack Development & Manual Testing**, Kodnest Technology,Bengaluru,India
- **JavaMystery**, Edunix
- **CSS Basics**, HackerRank