

Krushna Chandra Padhy

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📁 Portfolio

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EDUCATION

Master of Computer Applications

GIET University, Odisha

CGPA: 8.5

2022-2024

B.Sc - Bachelor of Science

Khallikote University, Odisha

CGPA: 7.9

2017-2020

PERSONAL PROJECTS

Intelligent Camera Security 🔒

August 2022 - December 2023

"Developed a AI-Powered Security System with Real-Time Alerts and 98% Accuracy"

- * Developed a security system that detects unauthorized individuals, capturing their photo and sending an email notification with the image and timestamp.
- * Leveraged **Machine Learning**, **OpenCV**, **SMTP**, and **NumPy (Python)** to process and analyze over 10,000 frames daily with 98% accuracy.
- * Enabled timely intervention by reducing response time to security threats by 70%.

Online Shoothing Application 🔒

April 2024

"E-Commerce Web App using **Spring Boot** & **Oracle**"

- * Developed a **Java-based** Insurance e-commerce web application using **Spring Boot**, **Spring JDBC**, **Oracle**, **HTML**, **CSS**, and **Bootstrap** for personal practice.
- * Optimized customer onboarding, reducing time by 30% and improving efficiency by 40%, while ensuring seamless integration through research and documentation
- * Implemented **OTP-based** account creation, reducing errors by 25% and enhancing security with admin access control.
- * Designed a secure communication system between admin and customers, ensuring data privacy and protection.
- * Structured the application using **MVC architecture**, managing multiple modules with a sequential request flow from client to database

Axis Banking Application 🔒

August 2022 - December 2023

"Developed a Secure & Scalable Solution for Transactions & Account Management"

- * Developed a scalable enterprise banking solution using **Java**, **Spring Boot**, **JDBC**, **MySQL**, **JSP**, **HTML**, **CSS**, and **JavaScript**, ensuring secure and efficient banking operations.
- * Engineered a responsive and user-friendly frontend with **JSP** and **HTML**, optimizing navigation and improving customer engagement by 40%.
- * Enhanced transaction processing and account management, improving fund transfer speed by 35% and ensuring real-time balance updates with secure authentication.
- * Implemented a modular **microservices-driven** architecture, reducing system downtime by 30% and improving maintainability with **OOPs** principles and exception handling.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Javascript, Python,SQL

Technologies: Spring Boot (Basic), Git, CSS, Bootstrap5, SQL, HTML

Databases:MySQL, Oracle

Developer Tools: VS Code, Eclipse

Soft Skills: Communication, Leadership, Team Work

Coursework: Data Structures and Algorithms, Object-oriented Programming (OOPs), Database Management System, Operating System, Software Development

ACHIEVEMENTS AND LEADERSHIP ROLES

Secured the “**Best Programmer of the Year**” accolade in a highly competitive 3-hour coding competition at GIET University.

Three-time district-level powerlifting **Gold medalist** and one-time state-level **Silver medalist**