MANISH PRADHAN

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📍 Bengaluru, Karnataka

ABOUT

I am a highly motivated and detail-oriented Computer Science graduate with hands-on experience in Java development, OOP, and RESTful APIs through various projects and internships. My quick learning ability and problem-solving mindset enable me to adapt and grow in collaborative environments. I am eager to leverage my technical skills in an entry-level software developer role.

EDUCATION

B.Tech in Computer Science & Information Technology

Institute of Technical Education and Research, SOA University

📅 08/2020 - 07/2024   📍 Bhubaneswar, Odisha

Higher Secondary Education

SAI International School

📅 04/2019 - 04/2020   📍 Bhubaneswar, Odisha

Matriculation

St. Arnold's School

📅 04/2018 - 03/2019   📍 Rourkela, Odisha

MAJOR PROJECTS

Student Management System

- Built **RESTful APIs** to perform **CRUD** operations on student data using Spring Boot.
- Implemented entity relationships using **Hibernate** and **JPA** for seamless ORM and database interaction.
- Designed and connected **MySQL** database schema with **Spring Boot** using JPA repositories.
- Handled data validation and exception handling to improve API robustness and user experience.
- Applied **MVC** architecture to separate business logic, making the codebase more maintainable.
- Tested RESTful API endpoints using **Postman** to validate request-response cycles, ensure correct status codes, and verify business logic implementation in **Git/GitHub** as version control.

Banking Application in Java

- Built a console-based banking application in Java, simulating real-world banking operations like deposits, withdrawals, and account creation using **OOP principles**.
- Implemented custom exceptions for error handling and used collections to manage multiple user accounts efficiently.

Online Exam Proctoring using Python and ML

- Engineered a robust face Detection and Recognition system for online exam proctoring enhancing examination integrity.
- Implemented **Convolutional Neural Network (CNN)** to capture images and optimized the use of **NumPy** and **OpenCV** libraries.

TECHNICAL SKILLS

Core Java   MySQL   OOP

Spring Framework   SpringBoot

Hibernate   MVC   JPA   Postman

RESTful API   Git & GitHub   Python

Power BI   Agile Methodology

Scrum Methodology   JAVA 8

MINOR PROJECTS

To - Do List Generator (Java)

Created a simple command-line tool to manage tasks with file persistence.

Random Password Generator (Java)

Developed a utility to generate strong passwords with customizable criteria.

INTERNSHIP EXPERIENCE

IT Consultant Trainee

ITC Infotech

📅 11/2023 - 06/2024   📍 Remote

- Gained hands-on experience in Agile project management, increasing delivery efficiency by 20%
- Strengthened skills in Angular, Java, Python, SQL, and testing methodologies

CERTIFICATIONS

Java programming and java multithreading course

Udemy

Google Data Analytics Professional Certificate

Coursera

JP Morgan Chase & Co. Software Engineering for Kafka Integration

Forage