Aditya Prasad Padhy
Software Engineer
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Career Objective

Passionate **Software Engineer (Fresher)** seeking an opportunity to contribute to real-world projects using **Python, Django and PostgreSQL**. I am eager to learn and grow in a dynamic environment. Available as an **Immediate Joiner**.

Education

Roland Institute of Technology, Odisha
- *Master of Computer Applications (MCA)*   **2023 - 2025 | CGPA: 8.5/10**

Berhampur University, Odisha
- *Bachelor of Computer Applications (BCA)*   **2020 - 2023 | CGPA: 8.6/10**

Technical Skills

Languages: Python, Java, SQL, JavaScript   **Tools:** Git, VS Code, AWS, PyCharm, Eclipse

Web Technologies: HTML5, CSS3, REST APIs   **Frameworks:** Django, Django REST, Spring Boot

Databases: MySQL, PostgreSQL, SQLite   **Core Skills:** Data Structures & Algorithms, OOP

Projects

E-Commerce REST API | Link
- Built a scalable e-commerce backend using Django REST Framework, serving **10,000+ monthly users**.
- Developed **15+ RESTful endpoints** for products, users, and orders with full CRUD operations.
- Implemented **JWT authentication** securing user data and integrated **Razorpay** payment processing handling **500+** successful transactions.
- Optimized API performance using Redis caching, reducing average response time **by 40% (from 200ms to 120ms).**
- Deployed on **AWS EC2**, ensuring **high availability and reliability**.

Hospital Management System | Link
- Developed an admin dashboard managing **50+ hospital departments** and a **patient portal** with responsive design.
- Implemented **appointment booking and payment processing** with a **90% success rate**, automated **email notifications**, and a **review system**.
- **Deployed on AWS** using **PostgreSQL**, optimizing database queries and improving performance by **30%**.
- **Reduced appointment cancellations** by **25%** through a streamline and user friendly interface.

Personal Portfolio Website | Link
- Implemented mobile-first responsive design using CSS Grid/Flexbox, achieving **95+** Lighthouse score.
- Created admin panel reducing content update time by **70%** through streamlined management.
- Optimized SEO leading to **40% increase** in organic traffic and project visibility.

Achievements

- Achieved **3-star rating on HackerRank**, showcasing **proficiency** and **practical skills**.
- **Completed NPTEL certification** in **Python Programming** demonstrating strong theoretical knowledge and practical skills.

Extracurricular Activities

- **Student Mentor** - Guided 15+ first-year students in programming fundamentals and career guidance.
- **Sports Team Captain** - Led college cricket team, developing teamwork and leadership skills.