Aditya Prasad Padhy

Bengaluru, Karnataka

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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: 8.5/10**

Science College (Autonomous), Hinjilicut
- *Higher Secondary Education - Science (CHSE)*   **2018 - 2020 | Percentage: 62%**

Technical Skills

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

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

Databases: MySql, PostgreSQL, MongoDB   **Concepts:** Data Structures & Algorithms, OOP

Projects

E-Commerce REST API | Link
- Engineered scalable e-commerce backend API serving **10,000+ monthly users** with Django REST Framework.
- 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+ transactions**.
- Optimized API performance using Redis caching, reducing average response time **by 40% (from 200ms to 120ms).**
- Containerized with Docker and deployed on AWS EC2 with CI/CD pipeline, achieving **99.5% uptime**.

Hotel Booking Management System | Link
- Developed admin dashboard managing **50+ hotel listings** and customer portal with responsive design.
- Implemented payment processing with **90% success rate**, automated email notifications and review system.
- Deployed on AWS infrastructure with PostgreSQL, optimizing database queries **improving performance by 30%.**
- Reduced booking abandonment rate by **25%** through streamlined user experience.

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

- Actively solving 100+ problems on LeetCode with focus on Data Structure & Algorithms.
- Consistent practice on HackerRank with a strong foundation in problem-solving techniques.
- Mentored 5+ juniors in coding basics and competitive programming strategies.

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.