

Aditya Patra

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Profile Summary

- Motivated professional with expertise in cloud computing, DevOps, Full Stack development, data analysis and database management.
- Experienced in developing web applications, optimizing cloud infrastructure, and automating deployments with CI/CD pipelines.
- Skilled in data analysis and visualization for banking applications using SQL, PL/SQL, Oracle Data Integrator, OBIEE, Power BI and Oracle BIP.
- Interested in obtaining actionable insights from complex data to drive informed decision-making.

Education

Silicon University, Bhubaneswar

B.Tech in Computer Science and Technology

2020 – 2024

CGPA: 9.05

Experience

Sustainable Outreach and Universal Leadership (SOUL) Ltd.

06/2024 – Present

Software Engineer

Bhubaneswar

- Developed a scalable front-end using React.js and Angular.js, achieving a 20% improvement in application responsiveness and user experience. Designed and implemented a responsive interface enabling citizens to book facilities seamlessly, resulting in a 10% increase in user engagement and satisfaction.
- Optimized a web application using lazy loading, animations, and email notifications, reducing load time by 30% and bounce rates by 20%.
- Optimized ERPNext modules by designing workflows, screens, and role-based permissions, improving HR management efficiency by 15%. Integrated robust Python back-end functionality, streamlining processes and enhancing user experience for HR operations.

Rumango Software and Consulting Services Pvt. Ltd.

01/2024 – 06/2024

Associate Consultant

Bhubaneswar

- Analyzed banking application data by extracting and transforming datasets utilizing SQL, PL/SQL, and Oracle Data Integrator; delivered actionable insights that improved decision-making cycles for finance teams.
- Developed and maintained interactive dashboards and reports in OBIEE, Power BI, and Oracle BIP, resulting in a 15% improvement in data-driven decision-making. Created and disseminated comprehensive transaction and general ledger reports, leading to a 20% reduction in data query response times.

Projects

Banking Applications Analytics

April 2024

SQL, PL/SQL, Oracle Data Integrator, Oracle BIP, Power BI, OBIEE

- Generated drill-down dashboard for balance sheet and profit and loss using OBIEE, enabling detailed financial insights for stakeholders.
- Ensured data consistency and optimized queries to enhance performance in handling large datasets for banking operations.

Campus Management System

July 2024

ERPNext, Frappe, Python, SQL, Jinja Print format, Third-party API Integration

- Designed an end-to-end ERP solution for managing **student lifecycle, human resources, accounting, payroll, and inventory** for World Skill Centre.
- Integrated **third-party APIs** for student payment systems, enhancing usability and ensuring real-time data synchronization.
- Built customizable reports for higher management to aid in data-driven decision-making processes.

SOUL Internal Web Application

Ongoing

React.js, Angular.js, Node.js, Email Integration, PostgreSQL

- Designed and optimized the official SOUL website, integrating email notifications and improving load times by 30%.
- Enhanced user interaction using lazy loading and animations, improving user experience across devices.
- Collaborated with stakeholders to design a user-friendly interface, achieving 100% cross-device performance and reducing bounce rates by 20%.

Technical Skills

Languages: Python, Java, C, JavaScript
Frontend: React.js, Angular.js, TailwindCSS, HTML, CSS, Bootstrap
Backend: Node.js, Express.js, Java
Databases: MongoDB,SQL, PostgreSQL, MariaDB
Tools: Docker, Redis, Postman, GitHub, VS Code
Cloud: AWS, CI/CD Pipelines, Docker, Terraform, Kubernetes

Certifications

Oracle Certified Generative AI Professional	2024
AWS Certified Cloud Practitioner	2024
Wipro TalentNext Full Stack Developer	2024