

Swatimonalisa Patra

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EDUCATION

Sambalpur University, Sambalpur | *Master of Computer Application*

2018 – 2021 | **CGPA:** 8.5/10

Utkal University, Bhubaneswar | *Bachelor of Science – Computer*

Science 2015 – 2018 | **CGPA:** 8/10

PROFESSIONAL SUMMARY

Backend Developer with **4+ years** of experience building scalable microservices using Node.js, Express.js, JavaScript, MongoDB, and PostgreSQL. Skilled in designing robust APIs, optimizing performance, and delivering backend solutions that solve complex business problems. Strong communicator with a focus on driving measurable business impact.

WORK EXPERIENCE

Infosys – Senior Associate Consultant | Bengaluru, India(Sep 2025 – Nov 2025)

Role & Responsibilities:

- Worked on backend module enhancements and API integrations for enterprise-level client applications.
- Collaborated with cross-functional teams to ensure smooth deployment and knowledge transition.
- Gained hands-on exposure to Infosys delivery methodologies and client interaction processes.

Ailoitte – Backend Developer | Bengaluru, India (Oct 2024 – Aug 2025)

Role & Responsibilities:

- Led a team of 4–5 backend developers, managing daily tasks, sprints, and code reviews.
- Gathered and analyzed client requirements to create detailed technical documentation.

- Developed, tested, and deployed REST APIs and microservices using Node.js, Express.js, MongoDB, and PostgreSQL.
- Integrated external APIs and ensured secure, scalable architecture.
- Coordinated with frontend, QA, and DevOps teams for smooth delivery.

Projects:

- **Bricko ERP App**

Designed and developed a scalable backend for a construction industry ERP platform.

- Implemented role-based authentication, project management, inventory tracking, supplier/vendor management, and payment processing.
- Built RESTful APIs and microservices for multi-project workflows with real-time data sync.
- Integrated analytics dashboards for monitoring project progress and resources.
- Deployed using CI/CD pipelines for high availability.

- **Shiri Shiri Calling App**

Designed backend services to power data-driven prioritization algorithms for promotional calls.

- Developed multi-factor analysis logic to rank healthcare professionals.
- Integrated churn prediction with PostgreSQL and ML outputs, reducing churn by **12%**.
- Built RESTful endpoints for analytics and reporting.

- **Loan App**

Loan management platform with secure authentication, eligibility checks, repayment tracking, and automated interest calculations.

- Integrated **CyrusRecharge API** for disbursements and payment services.
- Designed APIs for loan processing, status tracking, and notifications.

- **Revilo Application**

Car booking platform with ride booking, fare calculation, driver tracking, and payment processing.

- Integrated third-party car API for real-time vehicle availability.
- Built rating and feedback systems for passengers and drivers.

Lawsikho – Backend Node.js Developer | Gurgaon, India *(Apr 2023 – Oct 2024)*

Role & Responsibilities:

- Designed, developed, and optimized backend microservices using Node.js, Express.js, and PostgreSQL.
- Integrated **Stripe** and other payment gateways for secure payments, refunds, and recurring billing.
- Built secure database schemas and optimized queries for high-performance workloads.
- Managed AWS API Gateway endpoints and Lambda functions for serverless architecture.
- Collaborated with frontend, QA, and DevOps teams for end-to-end delivery.

Projects:

• CMS (Course Management System)

- Developed a microservices-based CMS for managing courses, modules, assignments, and student progress.
- Implemented REST APIs for course creation, enrollment, and completion tracking.
- Integrated AWS API Gateway and S3 for scalable file storage.

• Referral System

- Designed a referral module where users could invite others with unique codes.
- Tracked purchases made via referrals and applied reward logic in PostgreSQL.
- Developed admin reporting dashboard to monitor referral performance.

• Payment System

- Integrated **Stripe API** for one-time and recurring payments, including refunds and invoice generation.
- Added webhook listeners for real-time payment status updates.
- Designed a secure payment logging system for compliance purposes.

InfomazeElite – MERN Stack Developer | Mysore, India *(Sep 2021-Apr 2023)*

Role & Responsibilities:

- Developed full-stack applications using React.js, Node.js, Express.js, and MongoDB.

- Designed and built reusable React components for improved maintainability. ●
- Integrated APIs for various business modules and ensured database consistency. ●
- Collaborated with designers and QA teams to deliver high-quality features.

Projects:

● **Incident Management System**

- Developed a platform for employee record management, incident logging, and complaint resolution.
- Designed a role-based access control system for administrators and employees.
- Integrated analytics for incident trends and reporting.

● **MEDTOPIA**

- Built a HIPAA-compliant medical platform connecting patients and doctors.
- Implemented appointment scheduling, prescription management, and medical record storage.
- Designed secure APIs for exchanging sensitive patient data.

Codekart – Web Developer Intern | Bhubaneswar, Odisha *(May 2021 – Aug 2021)*

Role & Responsibilities:

- Assisted in developing responsive web applications using Python (Flask/Django) and MERN stack.
- Created and maintained REST APIs for frontend integration.
- Debugged and optimized code to improve performance.

Projects:

● **E-commerce App**

- Built an online shopping platform with product catalog, cart, and checkout flow.
- Integrated MongoDB for inventory tracking and user order history.
- Added basic payment gateway simulation for testing.

● **Learning Tools Platform**

- Developed an educational platform with quizzes, interactive content, and analytics.
- Built user authentication, progress tracking, and admin content management.