Pawan Sahu

Tech Lead - Full Stack / API Integration Specialist

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Professional Summary

Results-oriented Technical Lead with 9+ years of experience in backend development, API integration, and scalable system design across travel, finance, and loyalty domains. Proven expertise in Node.js, MongoDB, AWS, CI/CD, and distributed systems. Adept at leading cross-functional teams, automating complex processes, and delivering secure, high-availability platforms that drive business efficiency and client satisfaction.

Core Skills

- Languages & Frameworks: Node.js, Angular, JavaScript, Express.js

- Databases: MongoDB, MySQL

- Cloud & DevOps: AWS (EC2, S3, Lambda), CI/CD, Git, Docker

- Messaging & Search: RabbitMQ, Solr

- Methodologies: Agile, API-first design, Microservices Architecture

Professional Experience - Vernost Marketing Technology Solutions Pvt. Ltd.

Technical Lead - Leading the Experiences (Activities)

- **Leading the Experiences (Activities)** Aggregation Platform integrating multiple travel suppliers into a unified booking API.

- Designed scalable APIs consolidating supplier inventory, pricing, and booking flows into a single standardized interface.

- Improved data consistency and synchronization across distributed systems.

Tech Lead - Kevin Shah Associates (KAT)

- Built a GST Automation System enabling direct corporate GST filing to the government portal.

- Automated data validation and submission, reducing manual effort and filing errors by 90%.

Tech Lead - VernostPay (Vepay)

- Developed a Payment Switch Platform acting as middleware between clients, aggregators, and banks.

- Enabled support for multi-supplier routing and all payment methods.

Senior Software Engineer - Interbook

- Created a Hotel Booking Affiliate Platform for InterMiles, integrating multiple hotel suppliers.

- Enhanced user experience and supplier management, increasing booking conversions.

Software Developer - Noor Bank (On-Site, Dubai)

- Implemented a Loyalty Rewards Platform awarding points based on customer transaction history.

- Automated reward calculation and redemption, improving retention and engagement.

Software Developer - Quick Enrolment

- Built a Customer Enrollment Platform for pre/post-flight traveler registration and personalized offers.

- Integrated with airline and partner systems for automated customer data flow and reward assignment.

Education

Master of Computer Applications (MCA) - Medicaps Institute of Technology & Management (2012 - 2015)

Bachelor of Computer Applications (BCA) - Rajiv Gandhi Proudyogiki Vishwavidyalaya

Key Highlights

- 9+ years of experience in enterprise-grade API and microservice development

- Proven record of automating business processes and optimizing integrations

- Strong leadership and client-facing experience, including on-site delivery in Dubai

- Hands-on expertise in cloud deployment, API security, and scalable architecture