

ANKIT THAKURI

SENIOR SOFTWARE DEVELOPER

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SUMMARY

Backend-focused Software Developer with 6+ years of experience building and scaling SaaS platforms using Node.js, NestJS, TypeScript, and PHP. Specialises in designing clean, modular REST APIs and event-driven architectures with RabbitMQ, across both microservices and monolithic systems. Proficient in MySQL database optimisation, Redis caching and data storage, and building dynamic frontends with React and Vue.js. Experienced with AWS services including Lambda, EC2, and S3, and integrating payment solutions including Stripe, eSewa, Khalti, and ConnectIPS. Comfortable managing deployments and CI/CD pipelines with Docker and Kubernetes. Driven by a passion for writing maintainable, high-performance code that keeps platforms reliable at scale.

WORK EXPERIENCE

Senior Software Developer (Bookmundi Aps)

May, 2023 – Present

- Revamped product search flow using custom search algorithms and Redis caching, improving responsiveness and supporting high user traffic
- Redesigned the booking checkout flow with Stripe payment integration using a modern, scalable architecture
- Architected event-driven microservices using RabbitMQ for async communication between services, reducing coupling and improving throughput
- Built and optimised RESTful APIs and microservices powering the travel platform, with MySQL as the primary database
- Used Redis both as a caching layer and a persistent data store for application-level data
- Implemented AWS Lambda functions for image generation pipelines and automated backup jobs
- Managed CI/CD pipelines and container orchestration using AWS, Docker, and Kubernetes
- Improved system performance through optimised queries, Redis caching, and backend refactoring across both microservices and monolithic codebases

Software Developer (Softechpark)

December, 2020 – April, 2023

- Built a full-fledged IRD-verified accounting system covering invoicing, VAT reporting, tax filing, and ledger management, compliant with Inland Revenue Department (Nepal) standards
- Developed and maintained full-stack SaaS modules using Laravel, Core PHP, JavaScript, Vue.js, and Node.js
- Integrated local payment gateways including eSewa, Khalti, and ConnectIPS — handling payment initiation, callback verification, and reconciliation
- Optimised MySQL database schemas and backend logic for performance and data integrity across SaaS products
- Built secure, scalable backend systems to handle sensitive financial data within SaaS platforms
- Implemented CI/CD pipelines with Docker and cloud platforms (AWS, Hetzner) for stable and repeatable releases

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EDUCATION

Bachelors in Information Management (KIST College)

- Graduated: July, 2017

+2 Higher Secondary Education

- Graduated: June, 2012
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SKILLS

- **Languages** : JavaScript, TypeScript, PHP
- **Framework & Tools**: Node.js, NestJS, Express, React, Vue.js, Laravel, CodeIgniter, Lumen, Yii
- **Databases** : MySQL, PostgreSQL, MongoDB, Redis
- **Messaging & Events**: RabbitMQ, Redis Pub/Sub, Socket.io, Email Jobs (SMTP/Queue-based)
- **Payments**: Stripe, Stripe Connect, eSewa, Khalti, ConnectIPS
- **Cloud & DevOps**: AWS (Lambda, EC2, S3), Docker, Kubernetes, Nginx, CI/CD
- **Specialized**: Microservices, Monolithic Architecture, REST APIs, SaaS Development, Event-driven Systems