

KUNAL

Senior Software Engineer

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SUMMARY

Dynamic Senior Software Developer at Ashriya Infotech, recognized for delivering impactful full-stack solutions. Expert in AWS and API development, I led serverless application deployments and optimized costs through innovative caching strategies. Passionate about mentoring teams and enhancing performance, I thrive in collaborative environments to drive project success.

EXPERIENCE

Senior Software Engineer

Ashriya Infotech

📅 03/2021 - Present

A technology company specializing in providing software solutions and services.

- Promoted from Junior Developer to Senior Developer within 1.5 years due to exceptional project delivery and performance.
- Worked on various full-stack development projects using Core PHP, Laravel, Node.js, and AWS Services.
- Led development and deployment of serverless applications utilizing AWS Lambda, API Gateway, and SQS for efficient task automation.
- Reduced AWS operational costs by implementing a custom caching mechanism, optimizing resource usage.
- Designed and developed N-layered APIs for scalable eCommerce and ticket booking platforms, handling 2+ million daily orders.
- Integrated Redis Cluster for caching and enhanced real-time application performance.
- Managed payment gateway integrations including Razorpay, Adyen, N-Genius, and Mews for secure transaction processing.
- Developed a custom email notification module for order updates and system events.
- Implemented a Graylog logging system to monitor logs efficiently for a high-traffic ticket booking platform.
- Led database design efforts and integrated Elasticsearch for large-scale data syncing.
- Collaborated with cross-functional teams for smooth project delivery.
- Mentored junior developers, conducted code reviews, and implemented best coding practices.
- Actively involved in DevOps processes, ensuring smooth deployments through CI/CD pipelines.

EDUCATION

Master of Computer Applications (MCA)

Kurukshetra University

📅 08/2019 - 05/2021

Bachelor of Computer Applications (BCA)

Kurukshetra University

📅 08/2016 - 05/2019

PROJECTS

E-commerce Website

E-commerce Website

- Developed a full-fledged eCommerce platform with features like product listing, cart management, order processing, and payment integration using Laravel APIs and Blade templates.
- Built APIs for mobile app integration, enabling seamless operation across web and mobile platforms.
- Implemented AWS services (Lambda, SQS) to handle high traffic and automate workflows.

Ticket Booking Platform

Ticket Booking Platform

- Developed a highly scalable ticket booking system using Node.js and AWS Lambda, handling 2+ million daily orders.
- Integrated third-party booking systems using Lambda functions, interacting with over 50 third-party systems for offline and online bookings.
- Managed API versioning (from v3.0 to v3.8) and implemented key features like availability management, promo codes, and payment processing.

PROJECTS

Queue Management System

Queue Management System

- Built a Queue Database System using AWS SQS, Redis, and ElasticSearch to process large-scale data.
- Managed real-time data syncing and client notifications via APIs, ensuring consistent data flow and system stability.

Hospital Management System

Hospital Management System

- Developed a comprehensive Hospital Management System to manage hospital inventories, suppliers, and medicine sales.
- Key features include multi-supplier management, inventory tracking, cart and payment integration, and promo code management.
- Designed APIs for efficient order processing, integrated Razorpay for payments, and utilized AWS services (S3, Lambda, SQS) for scalability.
- Automated billing, reporting, and stock management, reducing manual errors and streamlining hospital operations.

Custom Logging System

Custom Logging System

- Developed a logging system for a ticket booking platform using AWS Lambda and Graylog to manage and analyze logs from multiple sources.
- Processed logs via Lambda triggers and stored them in S3, providing real-time error alerts and optimizing system performance.

KEY ACHIEVEMENTS



Project Leadership and Cost Efficiency

Successfully led projects that improved system efficiencies and reduced operational costs significantly.

SKILLS

Algorithms	API	Api Development	API Gateway	apis	AWS	AWS Lambda	AWS Services
Caching	CI/CD	Cloud Services	Cloudwatch	Cluster	CodeIgniter	Core PHP	CSS
Data Structures	data structures and algorithms			Database Design	devops	Docker	ECommerce
ElasticSearch	Firebase	JIRA	Scrum	Git	Gitlab	Graylog	HTML
							Javascript
							JQuery
Lambda	Laravel	MySQL	node	node.js	Payment Gateways	PHP	Python
							Redis
							restful

STRENGTHS



Scalable application expertise

Excels at developing scalable AWS applications for optimized performance.



Cost efficiency improvement

Proven track record of reducing costs and improving system efficiency.



Backend problem-solving

Strong problem-solving skills with a focus on backend technologies.



Leadership and mentoring

Mentors juniors and implements best coding practices effectively.