



CURRICULUM VITAE

Jalaj Kumar

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Executive Summary

Engineering Leader with 10+ years of experience driving scalable, high-impact technology solutions across AI, cloud, and full-stack development. Currently leading a cross-functional team of 10-12 engineers at Jaypee Brothers Medical Publisher, overseeing architecture, AI integration, and DevOps transformation. Expert in Core PHP, Laravel, Node.js, React, Docker, Kubernetes, AWS, Azure, and CI/CD pipelines. Proven record of cutting deployment time by 40%, optimizing performance, and accelerating innovation. Strategic and hands-on leader with a focus on technical excellence, delivery speed, and business alignment.

Core Competencies

AI & GenAI Integration | Cloud Architecture (AWS, Azure) | Kubernetes & Docker | CI/CD Automation | DevSecOps | System Design & Scalability | Full-Stack Development | Microservices | API Design | Product Strategy | Cross-Functional Leadership | Team Building & Mentorship | Agile Delivery | Budgeting & Cost Optimization | Technology Roadmapping | Strategic Planning

Professional Experience

Jaypee Brothers Medical Publisher

Engineering Lead | April 2023 – Present

- Lead a team of 10-12 engineers to deliver scalable
- AI-powered products.
- Architect and deploy cloud-native solutions using Docker, and CI/CD pipelines.
- Integrated GenAI models for personalized content delivery and automated insights.
- Collaborate with leadership on technology roadmap and product strategy.
- Reduced deployment time by 40% through automation and DevOps adoption.
- Managed vendor relationships and ensured on-time project delivery.
- Key Projects: Diginerve, JaypeeBrothers, eJaypee

Mahindra First Choice Wheels Limited

Senior Software Engineer | July 2022 – April 2023

- Developed and maintained large-scale web applications using Core PHP, Laravel, and NodeJS.
- Improved frontend user experience using ReactJS, HTML, CSS, and JavaScript.
- Implemented REST APIs for data integration and optimized system performance.

- Led modernization of backend architecture to support scalability and maintainability.

Atrivias Technologies Pvt. Ltd.

Senior Software Engineer | April 2018 – July 2022

- Designed and built robust full-stack web applications with Laravel, ReactJS, and MySQL.
- Led development teams to deliver client projects on time with a focus on quality.
- Managed server configurations and deployments in AWS and Linux environments.
- Provided mentorship to junior engineers and ensured adherence to best practices.

Smanik Technology

Software Developer | Dec 2014 – April 2018

- Built PHP-based applications with focus on performance and maintainability.
- Collaborated with cross-functional teams to gather requirements and deliver optimized solutions.
- Managed MySQL databases and performed server-side troubleshooting.
- Delivered multiple client projects ahead of schedule.

Rhombex Technologies

Software Developer | Sep 2014 – Dec 2014

- Built PHP-based applications with focus on performance and maintainability.
- Collaborated with cross-functional teams to gather requirements and deliver optimized solutions.
- Managed MySQL databases and performed server-side troubleshooting.
- Delivered multiple client projects ahead of schedule.

Education

- MCA (Annamalai University) – Coursework Completed Except a Few Subjects
- B.Sc. IT – Kuvempu University
- Higher Diploma in Software Engineering – NIIT
- Intermediate – BIEC Patna
- High School – BSEB Patna

Certifications (Willing to)

- AWS Certified Solutions Architect (Associate/Professional)
- Azure Solutions Architect Expert
- Certified Kubernetes Administrator (CKA)
- DevOps or DevSecOps Certification
- PMP / Agile Leadership / SAFe Certification

Key Achievements

- Cut deployment time by 40% through CI/CD automation and container orchestration.
- Spearheaded AI-driven product enhancements increasing user engagement.
- Streamlined project workflows, enhancing productivity and collaboration.
- Delivered multiple projects ahead of schedule while improving quality and uptime.

Hobbies & Interests

Learning Emerging Technologies | Traveling | Watching Cricket