Amit Dubey - IIT Dhanbad

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Summary

Engineering leader with 7+ years of expertise in building and scaling distributed systems, leading high-performing engineering teams, and delivering mission-critical software solutions. Proven track record of driving technical excellence, mentoring teams, and aligning technology initiatives with business objectives. Seeking a senior technical leadership role as Staff Engineer, Technical Lead, or Engineering Manager to drive architectural innovation, engineering excellence, and organizational growth.

Core Competencies

Technical Leadership & Strategy | System Architecture & Design | Distributed Systems | Microservices Architecture | Cloud Infrastructure (AWS, GCP) | Backend Development (Node.js, Redis, Elastic) | Frontend (React, Vue.js) | DevOps & CI/CD | Agile Leadership | Team Mentorship & Growth | Performance Optimization | Technical Decision Making | Cross-functional Collaboration

Professional Experience

Senior Software Engineer | HireEZ   Gurugram, India | Aug 2024 - Present

- Leading a team of engineers, implementing agile best practices and engineering standards to optimize release cycles while maintaining code quality.
- Architecting distributed services focused on high availability and scalability, supporting growing user base and improving system performance.
- Establishing technical roadmap and engineering practices across teams, driving adoption of microservices architecture and modern development workflows.
- Designing scalable microservices architecture using Node.js, Redis, and Elastic to improve system resilience and reduce latency.
- Leading DevOps transformation initiatives, implementing automated CI/CD pipelines to streamline deployment processes and enhance system reliability.

Senior Software Engineer | Arthmate   Gurugram, India | Oct 2023 - Jul 2024

- Led architecture and implementation of fintech platforms processing high-volume transactions, improving system scalability and operational efficiency.
- Established engineering excellence program, mentoring developers and implementing code review practices to reduce technical debt.
- Led cross-functional teams in agile ceremonies, improving sprint velocity and stakeholder collaboration.
- Optimized cloud infrastructure and implemented auto-scaling solutions, enhancing system performance and cost efficiency.

Senior Software Engineer | Shypmax   Gurugram, India | Dec 2021 - Sep 2023

- Designed event-driven microservices for critical operations, enhancing system reliability and throughput.
- Led frontend modernization using Vue.js and React.js, improving application performance and user experience.
- Implemented CI/CD pipelines and monitoring systems, transforming manual deployments into automated workflows.
- Established data synchronization system between distributed services, ensuring consistency across multiple regions and reducing data conflicts.
- Implemented real-time tracking and notification system using WebSockets, enhancing customer engagement and operational visibility.

Senior Software Engineer | Simplilearn   Bangalore, India | Sep 2021 - Nov 2021

- Built and maintained REST APIs and React-based dashboard serving the global learner base.
- Contributed to sprint planning, debugging, and platform enhancement initiatives.

Software Engineer | HostBooks   Gurugram, India | Jun 2018 - Aug 2021

- Led development of accounting and tax platforms using MERN/MEAN stacks, serving business users with transaction processing needs.
- Managed a team of 7 developers across product lines, improving development processes and delivery timelines.
- Designed and deployed cloud-native applications on AWS, focusing on system reliability and resource optimization.
- Implemented testing and deployment pipelines to enhance code quality and reduce production issues.
- Integrated with government tax systems and payment gateways, ensuring secure handling of financial transactions and compliance.
- Architected and implemented multi-tenant database system, enabling efficient data isolation and improved performance for enterprise clients.
- Led migration from monolithic to microservices architecture, improving system maintainability and deployment flexibility.

Software Engineer | NSGA   Gurugram, India | Jul 2017 - May 2018

- Developed MEAN/MERN stack applications with focus on performance optimization and user experience.
- Implemented agile practices and deployment automation to improve development efficiency.
- Created technical documentation and knowledge sharing processes to enhance team collaboration.
- Implemented database optimizations and caching strategies to improve application responsiveness.

Education

Indian Institute of Technology, Dhanbad, India   Jul 2024 - Jun 2026
- Master of Technology in Artificial Intelligence & Data Science | Pursuing

Rajasthan Technical University, Kota, India   Jul 2013 - Jun 2017
- Bachelor of Technology in Computer Science & Engineering | Aggregate: 79%

JIC, Sultanpur, India   Jul 2010 - Jun 2011
- Class XII | Senior Secondary | Aggregate: 78%

JIC, Sultanpur, India   Jul 2008 - Jun 2009
- Class X | Secondary | Aggregate: 77%

Projects

- WebRTC Chatbot with Socket.io: Built real-time chatbot to enhance customer interaction and drive revenue.
- Auto-Login Chrome Extension: Developed a browser extension to automate login and form filling for faster access.

Certifications

- JavaScript Developer - HackerRank
- Application Developer - Shaw Academy

Achievements

- 1st Rank in College - 2017
- 218th Rank - UPSEE 2013
- 213th Rank - IERT 2013

Languages & Interests

- Languages: Hindi, English
- Hobbies: Coding, Swimming