Sachin Kasana

Principal Engineer | Tech Architect | Backend Specialist
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Professional Summary

Seasoned Principal Engineer with 12+ years of expertise in designing, developing, and scaling distributed web applications and backend systems. Proven leadership in architecting enterprise-grade platforms with a strong focus on performance, developer experience (DX), and long-term scalability. Adept at mentoring engineering teams, defining coding standards, and driving modern DevOps practices. Currently leading platform engineering efforts at Wood Mackenzie with a focus on clean architecture, cross-functional collaboration, and delivery excellence. Experienced across e-commerce, telecom, enterprise SaaS, and digital platforms.

Technical Skills

Languages & Frameworks: JavaScript, TypeScript, Node.js, React.js, Angular, Next.js
Architecture: Microservices, REST APIs, API Gateway, Message Queues, Clean Architecture
DevOps & Cloud: AWS (EC2, Lambda, S3, DynamoDB), Docker, GitHub Actions, Kafka
Databases: MongoDB, PostgreSQL, Redis
Tools & Practices: Agile/Scrum, CI/CD, Unit Testing, Code Reviews, System Design

Professional Experience

Principal Engineer – Wood Mackenzie

2024 – Present

- Architect and drive end-to-end solutions for scalable enterprise applications across multiple business units.
- Lead performance benchmarking initiatives, reducing page load times by over 45% across key platforms.
- Mentor a distributed team of engineers, championing best practices in clean code, modular design, and testing.
- Partner with product and data teams to align technical decisions with commercial priorities.

Staff Engineer – Nagarro Software

2019 – 2024

- Led a high-performing team of 18+ engineers in building web applications for Fortune 500 clients.
- Designed reusable frontend and backend components, reducing development time by 30% across projects.
- Implemented CI/CD pipelines and performance monitoring dashboards, improving deployment stability.
- Conducted internal workshops on advanced JavaScript, system design, and scalable architecture.

Lead Software Developer – Bharti Airtel

2018 – 2019

- Modernized self-care portal and recharge systems used by millions of daily users.
- Transformed backend monoliths into microservices hosted on AWS, enhancing uptime and scalability.

Senior Software Engineer – Appster

2016 – 2018

- Built end-to-end SaaS platforms for startups and product teams across healthcare and logistics domains.
- Collaborated with global teams to define APIs, deliver sprint goals, and ensure high-quality releases.

Software Engineer – Aloha Technology

2013 – 2016

- Delivered frontend and backend modules for enterprise applications in insurance and e-learning sectors.
- Actively participated in Agile planning, sprint demos, and integration testing cycles.

Education

MCA – MIT Meerut, India (2010 – 2013) | 79.86%

Awards & Recognition

- Brightest Minds Award – Recognized for innovative problem-solving and technical leadership.
- Developer of the Year – Awarded for consistent excellence and mentoring contributions.