

Nikhar Sachdeva

nikharsachdeva.in | sachdevanikhar.dev@gmail.com | [+91 7900891060](tel:+917900891060) | [Noida, India](#)

[in nikhar-sachdeva](#) | [nikharsachdeva](#)

Professional Summary

Senior Backend Engineer with 4.5+ years of experience architecting scalable, distributed systems using **Node.js**, **AWS**, **Kafka**, and **event-driven architectures**. Proven success in transforming monoliths into microservices, driving cloud migrations, and optimizing concurrency with a consistent track record of delivering production-grade backend solutions in fast-paced Agile environments.

Education

B. Tech, Computer Science & Engineering

2016-2020

- **Institution:** KIET Group Of Institutions, Ghaziabad
- **CGPA:** 7.9 / 10

Technical Skills

Backend: Node.js, Express.js, Javascript (ES6+), Asynchronous Programming

Architecture: Microservices, Scalable Distributed Systems, REST APIs, Serverless

Databases: MongoDB, MySQL, DynamoDB, SAP HANA, Redis

Cloud & DevOps: AWS Cloud, Docker, Nginx, Git, GitHub Actions/Workflow

Messaging & Queues: Kafka, RabbitMQ, Redis Pub/Sub

Frontend: Android, Kotlin, SAP SAC

Testing & Practices: TDD, Agile (Scrum)

Work Experience

Accenture Solutions Pvt. Ltd, Noida

Feb 2021-Present

Senior Backend Engineer

- Optimized a large-scale Node.js data processing pipeline by implementing Amazon S3 streaming and fine-tuning invocations, reducing S3 storage usage by 60% and cutting orchestration runtime by 30%.
- Spearheaded migration from a legacy monolith to cloud-native microservices, trimming operational overhead by 40% and avoiding \$200K in vendor penalties.
- Practiced Test-Driven Development (TDD) to produce clean, well-structured code with comprehensive unit and integration tests, achieving 85% code coverage and reducing post-release defects by 60%.
- Built asynchronous and concurrent processing modules for financial reporting, enabling finance teams to complete monthly/quarterly close processes 1.5x faster, while improving data throughput for high-volume reports handling up to 50 million records.

Recent Achievements

Star Performer Award, Q4 FY24 - Accenture

[Certificate](#)

Accenture Celebrates Excellence (ACE) Award, Q3 FY24 - Accenture

[Certificate](#)

Certifications

AWS Certified Cloud Practitioner - Amazon Web Services

[Verify Credential](#)

Issued: April 2025, Expires: April 2028

Certified SAFe 6 Practitioner - Scaled Agile Inc.

[Verify Credential](#)

Issued: Feb 2025, Expires: Feb 2026

Project Highlights

Laundry Buoy - Laundry Buoy Pvt. Ltd, Delhi

[🔗 Proof Of Work](#)

- **Overview:** Engineered a microservices-driven laundry platform (Node.js & Android) that supported 10,000+ monthly transactions, cut infrastructure costs by 30% via auto-scaled EC2/ASG, and drove customer retention up by 25%.
- **Highlights:** Designed and deployed RESTful APIs, integrated **WhatsApp Cloud API** for real-time updates, and set up autoscaling infrastructure using **AWS EC2, ASG**. Automated deployments via CI/CD and ensured fault tolerance through messaging queues and load-balanced NGINX.
- **Skills:** Node.js, Microservices, Redis, AWS (EC2, S3, ASG), NGINX, Messaging Queue, Android (MVVM), WhatsApp Cloud API

Promo App - Goodman Lantern Ltd, United Kingdom

[🔗 Proof Of Work](#)

- **Overview:** development of a **highly concurrent** Node.js event resale system leveraging Redis locks for atomic seat reservations, eliminating double-booking, boosting successful checkout rates by 35%, and scaling throughput by 4x.
- **Highlights:** Integrated Razorpay and Stripe payment gateways using idempotent API design, boosting transaction success rates by 15%.
- **Skills:** Node.js, WebSocket, Razorpay, Webhooks, Clustering, Android, Firebase Notifications

Misohe - Truebase Pvt. Ltd, Gurugram

[🔗 Proof Of Work](#)

- **Overview:** Co-developed a mental wellness platform offering personalized audio/video therapy and curated content to improve user mental health and engagement. Managed media via **AWS S3 and CloudFront**.
- **Highlights:** The app secured INR 25L in angel funding and was acquired at a valuation of **INR 5 Cr**.
- **Skills:** Node.js, Redis, Docker, MongoDB, AWS (S3, CloudFront), Android, Kotlin

COPAL-19 - IIT Delhi & AIIMS Delhi

[🔗 Proof Of Work](#)

- **Overview:** Spearheaded development of a mobile application connecting **COVID-19** recovered patients with plasma donation requests, enabling 20000+ successful transfers, aiding pandemic response efforts.
- **Highlights:** Recognized internally by **AIIMS** for deployment and impact.
- **Skills:** Android, SQLite, REST APIs

CRM - Radha Kishan Buildcon Pvt. Ltd, Chattisgarh

[🔗 Proof Of Work](#)

- **Overview:** Engineered CRM software with interactive dashboards for executive KPI monitoring and improved workflow efficiency.
- **Highlights:** Integrated **lead tracking and offline data synchronization** reducing manual errors.
- **Skills:** Android, MVVM, Node.js, Microservices