



# Yash Shah

## Software Architect

Ahmedabad, India  
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[LinkedIn](#)

### Skills

Amazon Web Services

Kubernetes

Apache Kafka

Microservices

Restful APIs

Java & Spring

Oracle / Postgres/ Cassandra

JavaScript / Node Js

React Js

### Languages

English

### Hobbies

Culinary Creativity, Reading productivity and psychology books

## Profile

**Cloud-Savvy Software Architect** with **11+ years** of experience designing and implementing **robust, scalable, and high-performance systems** for the **financial industry**. Proven expertise in **AWS Cloud Architecture, EKS, microservices**, and **real-time distributed systems**. Currently leading **cloud transformation** and architecture for an enterprise-grade **Fraud Management product** at **NICE Ltd**, delivering **secure, high-availability solutions** with stringent SLAs. Skilled in **cloud infrastructure design, cost optimization, containerization, and API-driven development**.

## Employment History

### Specialist Software Architect, NICE System Ltd, Pune

October 2023 — Present

- Architected a **near real-time data aggregation service**, enabling the analysis of **customer financial activity** across multiple channels, improving data-driven decision-making.
- Collaborated cross-functionally to design the architecture for a **consortium-based data intelligence platform**, improving **secure insight sharing** across partners.
- **Designed and implemented** an **online machine learning pipeline** for **real-time feature generation** and deployment in a **high-availability fraud detection system**, enhancing system responsiveness.
- Proposed and integrated a **Kafka-based messaging solution**, achieving a **25% reduction in system response time**, significantly improving performance and cloud cost efficiency.

### Specialist Software Developer, NICE System Ltd, Pune

August 2019 — October 2023

- Developed and maintained the **Actimize Intelligent Server platform** using **Java** and **Spring**, enhancing scalability and reliability.
- **Optimized Java code**, reducing **memory footprint by 20%** through the implementation of efficient data structures and algorithms.
- Utilized **JVisualVM** and **Java Mission Control** to troubleshoot and resolve **performance bottlenecks**, improving system efficiency by 30%.

## Senior System Engineer, Edgeverve System Ltd, Bengaluru

July 2016 — August 2019

- **Implemented the SWIFT cross-border payment system** for multiple banks, ensuring **smooth integration** and **regulatory compliance**.
- Performed **root cause analysis** of system issues, leveraging **Linux scripting** to automate troubleshooting, reducing resolution time by 40%.
- Collaborated with clients to gather requirements and develop **detailed design documents**, ensuring alignment with client needs.

## Technical Engineer Service, Qess Corp, Bengaluru

April 2014 — July 2016

- Developed and maintained **USSD/SMS services** for telecom operators like **Airtel** and **Vodafone**, using **Java** and **SQL**, supporting millions of users.
- Provided critical support during service upgrades, ensuring **zero downtime** and **uninterrupted operations**.
- Enhanced **USSD workflows**, adding **new features** and optimizing existing ones to meet client needs.

## Education

### Master of Science in Computer Science, Liverpool John Moores University, London

April 2021 — March 2022

### Post Graduate Diploma in Software Development, International Institute of Information Technology, Bangalore

April 2018 — March 2019

### Bachelor of Engineering in Electronics and Communications, Gujarat Technological University, Ahmedabad

April 2009 — March 2013

## Courses

### AWS Certified Solution Architect, AWS Certification

October 2024 — October 2027

## Personal Skills

Scope Management

Requirement Gathering

Proficient Communicator