

Sunil Kumar Shah

Email: sshah2k9@gmail.com

Mobile: +91-9899527044

Professional Profile

- **Over 17 years of experience** in Software Development with rich exposure in architecting and designing large scale distributed systems
- Certified AWS cloud architect(associate level) with experience in designing and building cloud-native applications using AWS services
- Strong experience in Java/JEE backend development
- Sound understanding of design principles and their application in real world designs
- Proficient in analysing and translating business requirements into technical requirements
- Hiring, mentoring and developing engineers and leaders in the organization

Core Competencies

Java/JEE, AWS Cloud, Microservices based architecture, distributed systems, Serverless design, RESTful web services, containerization, asynchronous event-driven systems(using Apache Kafka, SQS etc.)

Oracle, PostgreSQL, Apache Cassandra

Certification(s)

AWS Certified Solutions Architect - Associate

Sun Certified Java Programmer (SCJP) SE 6

Organisational Experience

Paytm Payments Bank

July 2022 - till now

Senior Manager

KYC

Leading core banking modules like KYC, KYB, AML. Responsible for managing and delivering solutions for highly scalable, complex, business-critical modules which are indispensable from both growth and compliance perspective.

Roles and responsibilities:

- Leading a team of 20 high performing engineers, driving - development, design and execution in a fast-paced environment with focus on efficiency and quality
- Design and brain-storm to build architectural blueprints for strategic software solutions and data models that conform to industry standards
- Collaborating with various stakeholders such as platform, security, network, database, operations and application to understand the risks, mitigation plans, milestones to align with key deliverables/migrations.
- Rectify process gaps and implement process improvement plans to increase operational efficiency.
- Mentor and coach junior team members to success within the team

Organisational Experience

Newfold Digital (Previously Endurance International Group)

October 2020 – July 2022

Senior Principal Engineer

PUC(Product Usage Collector)

PUC is a data collection and analysis platform to gather insights about how customers are using the sold products. The vision of the project is to be able to accurately know and analyse resource usage patterns on our various hosting products to fulfil the following major goals - identify new business opportunities(product upsells and cross sells), abuse mitigation and churn reduction.

This involved collecting a high volume of data(close to 6mn user accounts), on a regular basis from an array of around 100K userboxes, pushing it to data pipeline, standardisation and transformation of the collected data and making it available to the downstream systems for consumption/visualisation.

Orderbox

Orderbox is a holistic billing, order management, and user management platform which powers the backend for APAC brands like - ResellerClub, Logicboxes, HostGator.in, BigRock.in etc in EIGs hosting products space. It serves around 3.4mn customers and has around 10.16mn active orders under its belt.

Tech stack - Java, Microservices, Kafka, AWS, Containerization

Roles & Responsibilities

- Working as a solution architect - responsibilities include scope analysis, solution designing, overseeing the implementation process etc.
- Thought leadership - part of Endurance's Technical Leadership Team - responsible for defining best practices, evaluating new solution designs, evaluate products/tools etc.
- Mentor / coach engineers to facilitate their development and provide technical leadership to them

Gartner

Manager, Software Engineering

September 2018 – Oct 2020

Pre-Call Planning

Pre-Call Planning empowers SDAs(Service Delivery Associates)to drive an extra-ordinary client conversation via flawless execution on all aspects of a client call. It does so by aiding SDAs with curated and customizable call plan which contains client MCPs/Milestones, prescriptive next best action, contextual recommendations etc.

APIHUB

API management platform to build, deploy and expose SSD(Sales and Services Development department) APIs in a uniform fashion; with ready-made and highly configurable solutions for cross-cutting concerns like - security, access management, protocol conversion, response caching, throttling, analytics etc.

Tech stack - Java, AWS, Serverless architecture

Roles & Responsibilities

- Defining the overall architecture and choose the best technologies, components and subsystem
- Responsible for end-to-end delivery of the solution - starting from requirement gathering, scope analysis, designing, overseeing the implementation process and finally Production roll out.
- Project management - estimate efforts, identify risks, device and meet project schedules

- Collaborate with cross functional teams to solve complex problems and building solutions spanning multiple verticals
- Mentor / coach engineers to facilitate their development and provide technical leadership to them

RBS

July 2017 – Sep 2018

Lead Software Designer(AVP)

Client Quoting Engine(CQE)

Part of Fixed Income Technology group. Working as a development lead for RBS's distributed, microservices based electronic trading platform for automated trading of fixed income securities like - bonds, IRS etc.

Language/Technology/Tools used: Core Java, AWS, Microservices, Low latency stream processing

Roles & Responsibilities

- Requirements gathering, solution design, coding etc.

Ericsson

April 2015 – July 2017

Architect

Revenue Manager

Revenue manager is a cloud-ready convergent charging and billing solution that enables digital business transformation by offering adaptability, speed, efficiency and flexible scalability required to thrive in the Networked Society. It is based on a distributed, modular, microservice based architecture with a high level of configurability.

Service Data Point(SDP)

SDP is Ericsson's solution offering for prepaid billing and charging. It ensures the accurate charging and billing for prepaid usages by end user, e.g. calls/internet etc. considering all the possible scenarios like any special offer/plan being availed by the end user, current main balance status and location of end user etc. before deducting final amount to be charged from end user account.

Language/Technology/Tools used: Core Java, Kafka, AWS, Zookeeper, Cassandra, RESTful web services

Roles & Responsibilities

- Worked as a Product Owner
- Responsible for end-to-end product delivery lifecycle - requirement gathering, feasibility study, solution design, delivery planning etc.
- People management, co-ordination between different stakeholders

Ciena India Pvt. Ltd.

November 2013 – April 2015

Lead Engineer

OneControl

As part of Network Management System core development team, worked on multiple features - aimed at providing new functionalities to Ciena's Unified Management System.

Language/Technology/Tools used: Core Java, Weblogic, JMS, Oracle DB

Roles & Responsibilities

- Requirement gathering, feasibility study & impact analysis.
- Designing & coding.

Oracle India Pvt. Ltd.
2013
Senior Applications Engineer

August 2010 – Nov

Lucene based search platform for indexing and searching of application data

Worked on search platform designed to extract meaningful information by processing large volumes of application data. It included –

- Extraction and loading large volumes of application data for index creation
- Cleaning and indexing of input data
- Ad-hoc query processing on the indexes created
- Based on text entry by user, display the trend of matches over time

SaaS – Orion/ITAS Integration

The project entailed automation of ticket creation, closure and update in the various systems within Oracle CRM on Demand group.

Integration Framework development

Designed a new java based framework for speedy and efficient development of ad-hoc integration jobs between different internal data sources.

Language used: Core Java

Language/Technology/Tools used: Core Java, Lucene

Roles & Responsibilities

- Designing
- Coding

Infosys Technologies Ltd.

Jan 2005 - August

2010

Software Engineer, Programmer Analyst, Technology Lead

NTLINTCU

The project entailed system support in production environment and included handling of tasks like implementation and code level debugging of software used in various BTS and BSC's for Nortel Networks, Canada.

CUSP

Worked on Colt's data centre utility platform aimed towards providing efficient and cost effective solutions for common data centre problems like low utilization of hardware resources, problems in scalability due to statically bound resources, rise in total cost of ownership due to rise in operational cost, space requirements etc.

Language/Technology/Tools used: Java/J2ee/Weblogic

Roles & Responsibilities

- Requirements Gathering, feasibility study.
- Preparation of HLD/DLD
- Coding

Educational Qualification

Qualification	Institute	Board/University	Year	%
B.E.(CSE)	College of Engg. & Mgmt. Kolaghat	Vidyasagar University	2003	67.3
Higher Secondary(XII)	Vidyasagar Vidyapith	WBCHSE	1998	75.5
Secondary(X)	Vidyasagar Vidyapith	WBBSE	1996	77.8

Personal Details

Date of Birth	07 th April 1980
Contact Details	House No. 400, Second Floor, Sector – 40, Gurgaon -122001
Languages Known	Bengali, English and Hindi
Hobbies	Reading books, listening to music etc.