



Shubham Jain

Senior Software Engineer · Payments · Distributed Systems · Platform Engineering

Location: Amsterdam, Netherlands
Email: jshubham@live.in
LinkedIn: linkedin.com/in/jshubham

Phone: +31 6 87119387
Website: jshubham.com
GitHub: github.com/jshubham1

PROFESSIONAL SUMMARY

Senior Software Engineer with **11 years of experience** designing, building, and operating large-scale **payment systems** and banking platforms across India and the Netherlands. Specialist in **distributed systems**, **platform engineering**, **software architecture**, and **cloud modernization** for high-reliability FinTech workloads.

At **ABN AMRO**, owned a **Java/Spring Boot payments platform on Azure** at **3M requests/day**, led **phased legacy migration** for **4M customers**, and now drives **platform consolidation** for **4-5M users** and **100M records**. Combines **technical leadership** (HLD/LLD, design reviews, mentoring) with **CI/CD**, **Infrastructure as Code**, **reliability engineering**, and **production ownership**, influencing squads of **6-7 engineers** at enterprise scale.

Languages: English, Hindi

AREAS OF EXPERTISE

Payments · Distributed Systems · Platform Engineering · System Design · Software Architecture · Cloud Modernization · Reliability Engineering · Technical Leadership

KEY ACHIEVEMENTS & HIGHLIGHTS

- Owned **Java/Spring Boot payments platform on Azure** at **3M requests/day**; led **phased legacy migration** impacting **4M customers**.
- Consolidated **3 platforms into 1** Address Book serving **4-5M users** and **100M records**; reduced estate from **7-8 services to 1**.
- Drove **architecture decisions**, design reviews, and engineering standards across a squad of **6-7 engineers**; sustained **weekly zero-downtime releases**.
- Improved **platform reliability** through **CI/CD**, **Infrastructure as Code**, observability-driven **incident response**, and production **RCA** ownership.

TECHNICAL SKILLS

Software engineering	Java, Spring Boot, system design, OpenAPI, API-first services, software architecture, design reviews
Distributed systems	Event-driven architecture, Kafka, RabbitMQ, Azure Service Bus, service integration, resilience patterns
Cloud and platform engineering	Azure App Services, API Management, Key Vault, Application Gateway, Private Link, Bicep, Azure DevOps, CI/CD
Data and storage	PostgreSQL, Azure SQL, relational data modeling, data migration, high-volume transactional systems
Reliability engineering	Production operations, incident management, RCA, observability, SLO-minded delivery, zero-downtime releases
Developer productivity	Developer experience (DevEx), engineering standards, BDD quality gates, automated testing strategy, platform simplification

PROFESSIONAL EXPERIENCE

ABN AMRO Bank N.V.

Senior Software Engineer | Amsterdam, Netherlands | November 2022 - Present

Payments platform | Architecture ownership and migration leadership | November 2022 - February 2026

- Owned architecture and delivery of a **Java/Spring Boot payments platform on Azure**, national-bank integration layer processing **3M requests/day** (SEPA, international, standing orders).
- Led **system design** (HLD/LLD), **OpenAPI-first API architecture**, and technical decision-making; facilitated **architecture and design reviews** across the squad.
- Mentored engineers through architecture discussions, **design reviews**, code reviews, and production support practices; defined onboarding standards adopted by multiple team members.
- Executed **incremental legacy migration** from IBM systems to cloud-native **Azure APIs**, phased **4M customer rollout** with per-API cutover and dual-run routing.

- Owned **CI/CD** pipelines and **Infrastructure as Code (Bicep)**; introduced deployment-slot releases and emergency rollback for **weekly zero-downtime delivery**.
- Owned **production availability** and **incident response**: observability-driven **root-cause analysis**, patching, and cross-team coordination, improving reliability of high-traffic payment channels.

Bank-wide Address Book | Platform engineering and consolidation | February 2026 - Present

- Leading **platform modernization**: consolidating three legacy address-book systems into one **Java/Spring Boot** shared service on **Azure SQL**, **100M records**, **4-5M users**, **7-8 services to 1**.
- Defining **data migration strategy**, **schema consolidation**, and **API architecture** for cross-channel onboarding; aligning delivery with channel stakeholders (AOL, IB retail).
- Delivered consolidated platform infrastructure via **Infrastructure as Code** and **CI/CD**; **re-provisioned production in 2-3 weeks** and removed **80k lines** of unused modules.
- Building **standing-order backend** on **Azure Service Bus** with relational **transactional data** integration, extending payments-domain ownership into core banking.

Gap Inc

Senior Software Engineer | Hyderabad, India | March 2021 - September 2022

- Architected and integrated **20 microservices** for a global purchase-order platform, enabling enterprise retail operations at distributed scale.
- Designed **event-driven integration** using **Kafka** and **RabbitMQ** for cross-service purchase-order workflows and downstream system connectivity.
- Led **system design**, **OpenAPI**-based API design, story grooming, code reviews, and integration patterns across the microservices estate.
- Improved delivery quality through automated testing and review practices across **Java/Spring Boot** services in a multi-team environment.
- Collaborated with product, architecture, and engineering teams to deliver large-scale **supply-chain integrations** across multiple business domains.

Qualcomm

Programmer Analyst / Full Stack Developer | Hyderabad, India | July 2017 - March 2021

- Designed and maintained **enterprise applications** supporting engineering workflows, data processing, and operational reporting.
- Built **internal platforms** for workflow automation and engineering operations, REST APIs, system integrations, and AWS Lambda jobs that improved team productivity.
- Developed **Qdisk**, a distributed resource management platform with real-time dashboards, reducing manual coordination across engineering teams.
- QBuzz Technical Paper Appreciation Award** (2017) for technical contribution.

Tata Consultancy Services

System Engineer / Full Stack Developer | Nagpur, India | June 2015 - July 2017

- Delivered greenfield trade workflow automation on **Java/Spring** and **PostgreSQL**, digitizing government import-export operations and replacing manual processes.
- ILP KUDOS - 5-star rating** for outstanding performance (2015).

PORTFOLIO

Ships production web applications end-to-end outside of banking work, demonstrating initiative in product delivery and modern full-stack execution. Portfolio: jshubham.com

EDUCATION

Qualification	Institution	Period	Result / focus
B.E. Computer Science	Medi-Caps Institute of Technology and Management, Indore	2011 - 2015	First Division with Honors
Higher Secondary (PCM)	Shri C.M. Vaishnav Higher Secondary School, Indore	2008 - 2011	Science stream

RECOGNITION

Type	Title	Issuer / context	Year
Award	QBuzz Technical Paper Appreciation	Qualcomm	2017
Award	ILP KUDOS - 5 Star Rating	Tata Consultancy Services	2015