

Pushkar Singh | Lead Developer | Solution Architect

+91-8408042839 | tpushkarsingh@gmail.com | https://tpushkarsingh.github.io/pushkar_portfolio | website: <https://blog.slayitcoder.in>

Summary

A results-driven Lead Developer and aspiring Solution Architect with 10+ years of experience designing and delivering scalable, resilient enterprise applications. Skilled in Java, AWS, and modern cloud-native architectures with proven expertise in microservices, event-driven systems, and solution design. Recently strengthened capabilities with a Minor in AI from IIT Ropar, bringing hands-on experience in AI/ML techniques, data analysis, and intelligent automation. Adept at translating complex business requirements into robust technical solutions that drive organizational success

Technical Skills

Solution Architecture: Solution Design, Microservices Architecture, Event-Driven Architecture, Design Patterns, High-Level Design, Low-Level Design

Cloud Technologies: AWS (EKS, EC2, S3, SNS, SQS, State Machines, Polly), Cloud Foundry

Programming Languages: Java, Python, JavaScript

Frameworks: Spring/Spring Boot, Hibernate JPA, React, Angular 17, Playwright

CMS Solutions: Contentful, Directus

Databases: Oracle, MS SQL, PostgreSQL

DevOps: Kubernetes, Jenkins, ArgoCD, Bamboo, Urban Deploy

API Gateways: Istio, Apigee, Layer7, AWS API-Gateway

Logging: Splunk, ELK, Dynatrace, Datadog

Data Processing: Pandas, NumPy, Matplotlib, Seaborn, Pytorch

AI/ML: Supervised Learning, Semi Supervised Learning, Unsupervised Learning, AI Agents, MCP Servers.

Containerization: Docker

Queuing: SQS, ActiveMQ, RabbitMQ

Experience

Gartner Research and Advisory | 08/2021 - Current

Lead Software Developer

- * Led the design and implementation of a comprehensive web application on AWS, utilizing microservices and micro-frontend architecture.
- * Spearheaded development initiatives, providing guidance and mentorship to the team.
- * Formulated High-Level Designs (HLD) and Low-Level Designs (LLD) and communicated these plans to stakeholders.
- * Oversaw the migration from Oracle on-premises to Aurora-Postgres on AWS.
- * Work with Architecture team to evaluate various tools for enterprise.
- * Ensured microservices were scalable, resilient, performant, and secure.
- * Participated in talent acquisition and team development.

Fidelity International | 06/2019 - 08/2021

Sr. Analyst Programmer

- * Developed API endpoints using Spring Boot, Spring Security, and Docker for a pension

scheme management infrastructure.

- * FrontEnd development using Angular 17 version.
- * Contributed to the development of Android/IOS mobile applications using IONIC and REDUX.
- * Deployed Spring Boot applications on Cloud Foundry.
- * Utilized Data Virtualization (Denodo), Apigee, Layer 7, Oracle, and Splunk.
- * Worked in an agile environment.

FIS | 05/2017-06/2019

Product Developer

- * Developed web application front-end using Angular.
- * Developed APIs using Spring Boot with OAuth2 security.
- * Worked in an agile environment with strict deadlines.
- * Worked extensively in a multithreading environment.

Infosys Ltd | 06/2014-05/2017

Senior System Engineer

- * Developed web applications using Spring MVC and Struts 1.
- * Created High-Level Design documents.
- * Performed unit testing and involved in the full SDLC.
- * Participated in requirement analysis, design, development, review, and bug fixing.
- * Provided application maintenance.

Education

IIT Ropar: Minor in AI | 2025

Ajay Kumar Garg Engineering College | UPTU | B.Tech | 2014 | 71.2%

Personal Details

Father's Name: Mohan Singh

Hobbies: Tech Blogger, Bike riding and exploring places. Gender: Male