



PARAMVIR SINGH KARWAL

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Personal Summary

Dynamic Engineering Lead at Arcesium with expertise in Java and AWS, driving impactful data ingestion solutions. Proven ability to lead cross-functional teams and deliver serverless architectures, enhancing efficiency and scalability. Recognized for strong problem-solving skills and a commitment to excellence in tech delivery.

Skills

- Java (Advanced)
- Spring Boot
- JPA
- Hibernate
- API integration
- REST API
- Kubernetes, Docker (Intermediate)
- Postgres, Mysql, Ms Sql Server
- Kafka
- AWS EC2
- AWS S3
- AWS SNS
- AWS SQS
- AWS Cloudfront
- AWS Lambda
- AWS API Gateway
- AWS Route 53
- AWS Cloudformation
- Serverless
- TypeScript (Intermediate)
- Angular (Intermediate)
- NodeJs (Intermediate)
- Python (Intermediate)
- Bash Scripting (Intermediate)
- Git
- Jira
- Maven
- Gradle
- BitBucket
- Gitlab
- Bamboo
- Jenkins

Employment History

Engineering Lead [Tech IC]

10/2021 - Current

Arcesium | Gurgaon, India

- At Arcesium, I have been responsible for developing, contributing, guiding, and leading key features in the post-trade data ingestion, leveraging Java, AWS, API and queue-based communication
- This includes data processing pipelines, throttling, job scheduling, and quota management to ensure efficient and scalable data processing for enrichment, reporting, and storage

Senior Software Engineer II

08/2018 - 10/2021

SHL | Gurgaon, India

- At SHL, I contributed to the development of the Virtual Assessment Product, a fully serverless solution built on multiple AWS services with a one-click deployment
- Initially part of the development team, I gradually took ownership of the tech front
- SHL is a global leader in talent assessment solutions, enabling companies to make data-driven hiring decisions

Software Developer

07/2015 - 08/2018

Amdocs | Gurgaon, India

- At Amdocs, I contributed to the development of the Order Management System for Telefónica Argentina customer, using Java, Oracle DB, WebLogic Server, Unix, and minor Bash scripting for

automation

- Amdocs is a global provider of telecom software and services, specializing in billing, customer management, and network solutions for communication service providers
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Personal Projects **Blogging Website – paramvirsingh.com**

Built and deployed a personal blogging platform to share technical insights and writing.

- **Backend:** Java, Spring Boot, integrated with Google OAuth for secure authentication.
 - **Frontend:** Angular (self-taught, hobby-level) for a clean, responsive UI.
 - **DevOps:** Deployed on AWS using EC2, Route 53, and S3; Implemented one command deployment.
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Education

Bachelors: Computer Science and Engineering
Guru Nanak Dev University | Amritsar

06/2015

Languages

Punjabi: First Language

English: C2

Proficient (C2)

Hindi: C2

Proficient (C2)