

HARSHAD KARDILE

SENIOR SOFTWARE ENGINEER

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SKILLS

Languages

Java, Python, SQL, JavaScript, HTML

Backend

Spring Boot, Spring Security, Spring Data JPA / Hibernate, Jersey, REST APIs, OAuth 2.0, JWT

AWS

Lambda, Step Functions, EventBridge Scheduler, S3, SQS, SES, Secrets Manager, SSM, Cognito, IAM, CodeBuild

Data

MySQL, Snowflake, Google BigQuery, Databricks, Amazon Redshift, pandas, Apache Kafka

Integrations

OpenAPI, YAML connector manifests, Meta, Google Ads, DV360, The Trade Desk, TikTok, Snapchat, LinkedIn, Bing

Frontend

Angular, ReactJS, jQuery

DevOps & Tools

Docker, GitHub Actions, Git, Maven, Postman, Swagger, IntelliJ IDEA, VS Code

EDUCATION

Bachelor of Engineering

AVCOE, Pune University
2014 - 2018 · 66.33%

LANGUAGES

English, Hindi, Marathi

PROFILE

Senior Software Engineer with 6.5+ years building backend platforms and data integrations. At MadConnect (madconnect.ai), a no-code data connectivity platform for advertising and marketing, I build the Spring Boot backend and the Python connector framework that moves first-party and campaign data between 60+ ad, analytics and cloud platforms. Strong in Java, Spring Boot, Python, AWS and REST API integrations; comfortable owning a feature from spec to production.

WORK EXPERIENCE

Senior Software Engineer

Mar 2021 - Present

DeviceMotion Technologies · Pune

MadConnect: Intelligent Connectivity Layer for adtech and martech

- Built and maintain the MadConnect Portal Backend (Java, Spring Boot) and its REST APIs covering workspaces, connections, jobs, scheduling, schema mapping, analytics, usage and pricing.
- Orchestrated connector runs on AWS: jobs trigger Step Functions and Lambda, recurring syncs run on EventBridge Scheduler, and connector events flow through SQS into an events Lambda.
- Implemented secure platform access: OAuth 2.0 flows for ad platforms, JWT-based API clients, AWS Cognito, role-based authorization, and credentials in AWS Secrets Manager.
- Developed Python connector plugins packaged as versioned wheels, including Snowflake, BigQuery, S3, GCS, Azure, SFTP, Databricks, Redshift, DV360, Google Ads, TikTok, The Trade Desk and Xandr.
- Designed declarative YAML connector manifests (load → transform → write) with an OpenAPI-driven API chain driver, so destinations like Meta, Snapchat, LinkedIn and Yahoo ship as config instead of code.
- Built data mapping and transformation logic on pandas to normalise audience, conversion and reporting data across platforms.
- Set up per-connector release automation in GitHub Actions: changed connectors are detected on merge, versions bumped from commit messages, wheels built and releases published.
- Delivered backend CI/CD with AWS CodeBuild and Docker across dev, staging and production.

PCH Identify Campaign Manager (ICM)

- Built an automated campaign management system using Monday.com for task management and Google BigQuery for analytics.

Safeter

- Delivered features for safe reopening during COVID-19: scheduling, contact tracing, testing and symptom checks.

Junior Software Engineer

Aug 2020 - Feb 2021

Amplifyreach Solutions Pvt. Ltd. · Pune

- Led CRM integrations of Freshdesk, Zendesk, Zoho, HubSpot and Salesforce with the AmplifyReach chatbot for customer engagement and lead capture.
- Led channel integrations of Facebook Messenger, WhatsApp, Twitter and Slack with the chatbot.
- Built Chatbot Studio, a no-code tool for building conversational bots, plus a chat terminal and real-time analytics dashboard.

Software Engineer Intern

Mar 2020 - Jul 2020

Amplifyreach Solutions Pvt. Ltd.

- Developed authentication and security APIs for the AmplifyReach Catalyst platform.

KEY PROJECTS

- Declarative connector manifests:** YAML + OpenAPI spec per connector; a chain driver runs multi-step API flows (create segment → push audience), passing IDs between steps.
- Connector plugin framework:** plugin template and local dev runner so each connector is an independently versioned wheel with its own release.