

Yash Tank

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Software Engineer | Java | Spring Boot | Angular | REST APIs

PROFESSIONAL SUMMARY

Software Engineer with **5+ years of total professional experience**, including **3+ years in software engineering** skilled in **Java, Spring Boot, Angular, REST APIs, JPA/Hibernate, MySQL**, Redis, Docker, automation, and AI-agent integrations, with end-to-end ownership of business applications from development and testing through deployment and production support and **2 years as a Junior Streaming Engineer**. Seeking to apply my diverse technical experience and problem-solving skills to build secure, scalable, and reliable solutions.

TECHNICAL SKILLS

Languages	Java 17, SQL, TypeScript, JavaScript ES6+, Python
Backend & APIs	Spring Boot, Spring MVC, Spring Data JPA, Hibernate, REST APIs, Spring Security, JWT, OpenAPI/Swagger
Generative AI	Spring AI, LLM APIs, RAG, Prompt Engineering, AI Agents, Conversational Memory
Architecture	Microservices, Modular Monolith, API Design, OOP, Design Patterns
Frontend	Angular 17+, HTML5, CSS3, Bootstrap, Responsive UI Development
Data & Caching	MySQL, PostgreSQL, Redis, Relational Data Modeling, Caching
Tools & Delivery	Maven, Docker, Git, Linux, CI/CD, Agile/Scrum, Staging Deployment

EXPERIENCE

DataCrops Software Pvt Ltd

April 2023 — August 2026

Software Engineer

- Delivered **many production REST APIs** and full-stack modules for subscriptions, payment gateway integrations, data processing, and internal automation in a 4-member Agile squad using **Java 17, Spring Boot, Angular**, and **MySQL**.
- Improved application performance by approximately **40%** by optimizing SQL queries, tuning API responses, and refining caching for frequently accessed data.
- Reduced code redundancy by approximately **25%** by refactoring backend logic into reusable components with OOP principles and design patterns.
- Engineered web-data workflows with DOM parsing, dynamic URL validation, custom crawlers, and automation utilities for repeatable data collection and processing.
- Strengthened release readiness through staging deployments, regression testing, and pre-release validation of application and database changes.

Epitome Solutions Pvt Ltd

January 2021 — January 2023

Jr. Streaming Engineer

- Delivered reliable live streams for educational, corporate, and government events by configuring **OBS** and resolving audio/video pipeline issues in real time.

PROJECTS

Sievex Application

[GitHub](#)

- Built an automation application with login, role-based access, and workflows for running web-crawling and data-processing tasks.
- Added AI assistance that uses crawl results and conversation history to answer follow-up questions.

Trade Journal

[GitHub](#)

- Built a trading journal that supports broker CSV/Excel imports and manual trade entries, grouping executions into open and closed positions.
- Added realized P&L calculations, performance summaries, and notes for reviewing trade plans, risk-reward, and mistakes.

EDUCATION

Master of Computer Applications (MCA)

June 2022

Gujarat Technological University

Bachelor of Computer Applications (BCA)

August 2020

SSS Dharmajivandasji Inst of IT

CERTIFICATIONS

- Python for Everybody Specialization** – Coursera, University of Michigan (2023) [5ZHG2JG4V535]
- Django for Everybody Specialization** – Coursera, University of Michigan (2023) [VT9DWX8CEP4Y]
- Google Cloud Skill Boost Qwiklabs Trivia** – Google (December 2022) [3040019]