

## Jay Santosh Jathar

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Pune, India

### SUMMARY

Passionate Full Stack Developer with experience in Java, Spring Boot, Vue.js, and Jenkins, specializing in creating scalable, user-centric solutions. With a solid background in backend and frontend technologies, I specialize in creating seamless user experiences and optimizing system performance. Capable of working in dynamic contexts and employing technology to solve real-world problems, seeking opportunities to contribute my abilities in a collaborative and inventive team environment.

### EDUCATION

Savitribai Phule Pune University

Smt. Kashibai Navale College of Engineer

Bachelor of Engineering in Information Technology, CGPA: 8.32/10

Pune, India

June 2023

### WORK EXPERIENCE

TwoDots Software Services

Java Full Stack Developer

Technology Stack: Java, Scala, Spring Boot, Vue.js, TypeScript, Jenkins

Pune, India

October 2023 – Present

#### Client: smart360 - Data collaboration platform

- Successfully implemented over 150 features across frontend, backend, database, and CI/CD pipelines using the SDLC approach.
- Developed and delivered 60 client-specific components using Vue.js, resulting in 100% satisfaction by meeting specified specifications.
- Used Spring Boot to optimize backend services and reduce data retrieval times from 60 seconds to 2-3 seconds, eliminating bottlenecks.
- Transformed user management application from monolithic to microservices design, improving modularity and integration with over 5 services.
- Used Thymeleaf to create a new UI for a user management application. Implemented JWT and Spring Security for authentication and OAuth for faster sign-ins, resulting in a 150% increase in user sign-in speed.
- Used AWS S3 buckets to organize photos and files, improving data management and cutting retrieval time by 80%.
- Created a dynamic data table with custom filters utilizing HTML, JavaScript, and DOM to efficiently manage over 10 data types.
- Used D3.js to construct simple and advanced visualizations, improving data understanding and delivering interactive insights.
- Integrated Brevo to create an email notification system that automates invitations, alerts, and updates, resulting in a 30% increased communication efficiency.
- Improved Jenkins deployment speed by 40% over 30+ releases, with no post-deployment difficulties.
- Collaborated with customers daily to gather requirements and align with corporate goals, leading to a 33% improvement in project delivery.
- Improved Java application performance by 35% through data structure optimization.

#### Product: ScheduleMyEmails – Advanced email scheduler application

- Developed and optimized an email scheduling platform using Brevo and Quartz Scheduler, resulting in improved automated operations.
- Improved contact management with AJAX, form fields, and validation rules, resulting in a 30% reduction in data inconsistency.
- Improved scheduled task functionality with play, pause, and delete functions, leading to a 50% increase in job execution efficiency.
- Improved campaign and contact workflows to add only verified contacts to Brevo lists, eliminating incorrect entries by 60% and increasing deliverability.
- Refactored database schema and optimized queries, resulting in 35% faster data retrieval and improved filtering and search capabilities for huge datasets.

#### Product: TraceFlow – Visitors tracking application

- Build a visitor tracking application with Spring Boot and Scala, collaborating with the CEO to design the architecture, define the flow, and engineer the database.
- Configured the project to monitor visitor sessions, geolocations, browsing activity, and screen recordings across 10+ websites with 99.9% uptime.
- Created a JavaScript tracking script that can be included in any application to install visitor cookies, record browsing patterns, and collect session recordings. Deployed on OVH for scalability, resulting in 40% fewer tracking problems and improved multi-site integration.
- Improved operational responsiveness by 50% with the development of powerful backend APIs and real-time notification systems, including Google Chat alerts with visitor details.

### TECHNICAL SKILLS

Programming Languages: Java, Python, C, JavaScript, TypeScript

Tools and Frameworks: JVM, Spring Boot, Vue.js, Spring Data JPA, Hibernate, Power BI, REST APIs

Databases and Big Data Technologies: MySQL, PostgreSQL, Hadoop, Snowflake

Version Control & CI/CD: Git, Jenkins

### PROJECTS

DR. CNN (Python, Flask, ReactJS)

March 2022 - October 2022

- Led the development of a web application that detects diabetic retinopathy with 95% accuracy using Convolutional Neural Networks on fundus images.
- Collaborated with healthcare professionals to improve models for early identification and diagnosis of diabetic retinopathy.

Codelib.h (C, GTK toolkit)

May 2021 - September 2021

- Developed an interactive learning platform with 250+ C programming principles to help over 500 students master the language.
- Designed a user-friendly interface with the GTK toolkit to improve the learning experience for students and interview candidates.

## **CERTIFICATES AND ACHIEVEMENTS**

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**Spotlight Award** - TwoDots Software Services, February 2024

**Data Specialization Apprenticeship** - FutureSense Technologies, May 2023 - September 2023

**Backend Development Internship Completion** - Biencaps Systems, December 2022 - May 2023

**Java Development Internship Completion** - Apptware Solutions, August 2022 - November 2022

**SQL Database Internship Completion** - Kantascrypt Private Limited, October 2021 - June 2022