Chaitanya Mogal

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ABOUT

Experienced software engineer with over 3+ years of industry experience in full-stack development. Skilled in Java, Spring Boot, microservices, and React JS. Effective collaborator seeking opportunities to apply expertise, learn, and grow in cross-functional teams.

SKILLS

Technical Skills: Java, Javascript, Typescript, SQL, HTML+CSS

Frameworks/Libraries: Spring, Spring Boot Microservices, ReactJs, NextJs, Jenkins, Karma, Jasmin

WORK EXPERIENCE

Dassault Systemes | Software Engineering Specialist   Nov 2023 – Present

- Development of Grid API using Spring Boot, enabling unified API endpoints that connect multiple solvers (e.g., Abaqus, CST, Xflow) in one place for streamlined simulation execution.
- Developed an advanced file management system with ZIP/UNZIP capabilities, enabling bulk file uploads and efficient job scheduling, which reduced file upload time by 60%
- Engineered an automated simulation results cleanup mechanism that optimized storage usage by 50% and eliminated result conflicts during reruns, leading to a 30% reduction in simulation setup time
- Enhance the Simulation Manager's user interface using React, TypeScript, and JavaScript to deliver a responsive, cloud-based dashboard for managing simulation processes in the 3DExperience platform.
- Implemented comprehensive test automation using Karma and Jasmine, achieving 80% test coverage and reducing bug detection time by 40%, resulting in 25% fewer production issues

Vayana Network | Software Engineer   Jun 2022 – Oct 2023

- Contributed to developing and maintaining Vayana Trade Exchange (VTX), a digital trade finance exchange connecting Buyers, Sellers, and Financiers.
- Implementation of a comprehensive customer onboarding service, leveraging Spring Boot, React, and MySQL technologies. This streamlined the onboarding process, reducing customer acquisition time by 30% and resulting in a 25% increase in customer satisfaction.
- Developed PDF generation API, which significantly enriched the platform's capabilities. The API enabled users to generate PDF documents effortlessly, reducing document generation time by 40%, and improving overall platform efficiency.

PROJECTS

PromptCircle.org (view live)

- A community-driven platform for sharing and discovering high-quality AI prompts to enhance outputs from models like ChatGPT and Midjourney.
- It enables users to share **image and text prompts**, helping others understand how specific prompts generate certain results.
- **Tech Stack:** Next.js, Spring Boot, Spring Security, MySQL, Cloudflare R2 (for image storage).

EDUCATION

PUNE UNIVERSITY   Completed May 2022

Bachelor of Engineering in Computer Science

Cumulative GPA: 8.51/10.0;

Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Data Structures; Computer Networks