

# Milan Desai

Software Engineer/Developer

Bristol, United Kingdom 🏠

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<https://milandesai47.github.io/hi-milan/>

Software developer with over 6 years of experience in the finance industry, specialising in back-end development using Java with expertise in Spring, OSGi, web servers, database systems and cloud technologies like docker, Kubernetes and AWS. Proficient in designing and implementing efficient and scalable solutions for various applications. Strong problem-solving skills and ability to work well in a team environment. Skilled at gathering requirements and collaborating with cross-functional teams to deliver high-quality software products with an attitude to get the job well done.

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## Skills

### Code/Frameworks

- Java • J2EE • Spring • Apache (ignite,activeMQ,servicemix) • Microservices • RestAPIs • OSGi • Junit • Hibernate
- WebServices • TDD • BDD • Javascript

### Build/Tools/Servers

- Maven • Gradle • Jenkins • SQL (Oracle, SQL Server, MySQL, PostgreSQL) • Docker • Kubernetes • AWS (EC2)

### Code/Other

- Git • svn • SAML • unix • CI/CD • Sonar

### Softskills

- Agile Methodologies • Training/mentoring • Research • Present • Teamwork

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## Experience

**Software Engineer/Developer 2017 - Present** SmartStream technologies, Bristol, United Kingdom

### Responsibilities

- Development and maintenance of spring framework-based applications and tools to be used as a base platform for Financial and Reconciliation software.
- Extensive use of all aspects of the Spring frameworks for creating, migrating, upgrading tools and applications.
- Creating, maintaining Jenkins builds plans of complex software systems using combination of Ant, Ivy and maven, and implementing CI/CDs for set of supported configuration and application servers.
- Dockerising legacy monolithic software to be in production cloud ready micro services.
- Maintaining cross-team communications to keep up with current and future requirements, security aspects.
- Remote debugging java applications to track down bugs quickly in non production as well as live environments and providing hot-fixes for system critical issue to the clients whenever need arose.
- Training and mentoring new members, cross platform teams, non-technical teams about software products/tools and onboarding. Presenting products to clients' technical teams.
- Working in agile teams with cross-products teams to meet targets.

### Key Accomplishments

- Part of teams to design, deliver and maintain complex projects such as generic auditing tool, gateway library and authentication modules for applications.
- Improving the performance of application software designed for large scale reconciliation software by up to 70% just by configuring parameters and environment variables in live environments.
- Migration of old j2ee based application authentication to new spring security authentication aspects for legacy products.
- Extensive client engagements for troubleshooting, performance tuning and training to the point where my presence was expected to maintain client relations.

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## Education

DECEMBER 2016

[Masters in Software Engineering](#)/University of Hertfordshire, Hertfordshire, United Kingdom.

SEPTEMBER 2015

[Bachelors in Computer Science](#)/HNG University, India.