

# JEFFREY JOSE

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## PROFESSIONAL EXPERIENCE

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### Senior Software Engineer

Jio Platforms Ltd

Apr 2022 - Present

*Bengaluru, Karnataka*

- Upgraded Batch Jobs for user group management using spring batch which achieved 3x speed-up in program execution and enabled the service to handle larger data-sets and perform more robustly.
- Converted existing promotion/coupon management system in ajio B2B to a generic multi-tenant service that can cater to any jio-related B2B vertical.

### Software Engineer

Jio Platforms Ltd

Jul 2019 - Apr 2022

*Bengaluru, Karnataka*

- Delivered unit-tested backend APIs for Jio Prime Merchant (B2B side of JioMart) and worked with testing team members to setup component tests to meet business requirements for functionality, scalability and performance.
- Revised, modularized and refactored old codebase to clean code in division to enhance product development.
- Partnered with infrastructure team and configured zero down time deployments for faster and stable deployment process that significantly impacts product down time.
- Mentored new recruits with sessions in clean code, refactoring legacy code and agile best practices.

## TECHNICAL SKILLS

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**Spring, Spring Boot, Java, Hibernate, SQL, MongoDB, PostgreSQL, Apache Kafka, Elasticsearch, Redis, Junit-Mockito, Kubernetes, GCP**

## EDUCATION

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**M.Tech Computer Science & Engineering, IIT Kharagpur**

Jun 2017- May 2019

M.Tech Thesis : Unsupervised Iterative Clustering of Hybrid Polarimetric SAR Images

Guided by: Dr. Jayanta Mukhopadhyay (CSE Dept, IIT Kharagpur)

Description: Cluster hybrid polarized SAR image in an unsupervised way into physically meaningful classes.

**B.Tech Computer Science & Engineering, Govt. College of Engg Kannur**

Jun 2012- May 2016

## PROJECTS

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### Detection of Forest Area in SAR images

Detect and classify forest areas in polSAR RISAT-1 images.

### Graph-based Document Summarization

Generate summary of word documents using graph-based approaches like text-rank, degree-centrality.

### Emotional Intelligence in Social Media

Analysed Emotional Intelligence of people in twitter based on gender according to tweets posted on sensitive topics.

## ACHIEVEMENTS

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- Presented Spotlight Award for Q1 of 2022 for technical excellence.
- Secured All India rank 170 for GATE 2017.
- Coordinated Tech Fest as Association Secretary of Computer Science Dept in 2016.