

Devadath C Prabhu

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A proven versatile software engineer with over **5 years of experience** in the software industry. Proficient, data-driven, result oriented developer with hands-on experience in analysis, design, coding, implementation, documentation and has successful track records of delivering quality results. Solid understanding of **Data Structures, Algorithms, OOPs, Design Patterns, Microservice Architecture, Distributed Systems** and good exposure to software best practices like **Test-Driven Development (TDD), Clean Code, SOLID Principles, CI/CD, Agile methodologies and Scrum.**

PROFESSIONAL EXPERIENCE

Discovery Inc.

Software Development Engineer - II

Bengaluru, KA

Aug 2021 - Present

Domain: OTT Streaming | **Project(s):** Global Metadata Service

- Working on Global Metadata Service that powers metadata to stream the video on discovery+ platform
- Used CQRS pattern to implement read only view of the metadata, **reducing the metadata API response time by 50%**
- Proposed Canary Deployment and deployed the service globally in different geo regions
- Working on the Performance Testing to set the benchmarks for ideal load on single pod of our service

Tech Stack: Java, Go, Microservices, REST, gRPC, Docker, PostgreSQL, MongoDB, AWS, K8s, Pulumi, Gatling

MiQ Digital

Senior Software Engineer

Bengaluru, KA

Jan 2020 - Aug 2021

Domain: AdTech | **Project(s):** Data Ingestion

- Development/maintenance of Data Ingestion, a one stop solution to onboard terabytes of data into MiQ ecosystem.
- **Led the Data Health service** that gives availability & health of onboarded data
- Led the unit test case practices in the team successfully bringing in noticeable changes in quality and coverage of unit tests, single handedly **increased coverage of one service with ~15k lines of code by 15%**
- Stabilised and reduced the downtime of pipelines owned & **ensured data is available 90% of the time**
- Worked on performance tuning - CPU/Memory tuning of the services, **increased uptime to 99%**
- Known for **extensive & detailed code reviews**, was recognised for the same

Tech Stack: Java, Microservices, REST, Docker, Maven, TestNG, Vert.x, MongoDB, PostgreSQL, AWS, Databricks

Manhattan Associates

Software Engineer

Bengaluru, KA

July 2016 - Jan 2020

Domain: Omnichannel Retail Solution | **Project(s):** Order Management, Order Visualization, Point of Sale

- **Developed Inventory Availability Indicator** feature end to end (backend & frontend) for POS application
- Involved in **design and development of Order Visualization** project that gives insights on orders
- Worked actively on **development of Order Allocation Engine** for Manhattan Active Omnichannel Cloud Solution
- As part of product maintenance, handled internal support requests, provided custom implementations, user exits and hot-fixes for critical bugs
- **Built and owned Performance Regression Automation Tool** for POS team

Tech Stack: Java, Springboot, Microservices, REST, JUnit, Docker, Gradle, MySQL, Elasticsearch, Kibana, AWS, Gatling

EDUCATION

Indian Institute of Information Technology (IIIT)

MTech (part-time) in Artificial Intelligence & Data Science (**9.24/10**) (until semester-3)

Kottayam, KL

Aug 2020 - Present

PES Institute of Technology, South Campus (Under VTU)

BE in Computer Science & Engineering (**74.40%**)

Bengaluru, KA

Aug 2012 - June 2016

ACHIEVEMENTS

- Qualified **GATE 2016** with 90.06 percentile, All India Rank 10775
- Published "**Multiple Image Steganography using LSB-DCT Technique**" in IJERT 2016