DEVADATH C PRABHU

SENIOR SOFTWARE ENGINEER

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📍 Bengaluru, India

Nationality: Indian

DOB: May 31, 1994

SKILLS

- **Java** / Go
- **Microservices**
- **REST** / Event Driven
- **Springboot** / Vert.x
- **MySQL / PostgreSQL**
- **MongoDB**
- **Maven / Gradle**
- **Docker**
- **JUnit / TestNG / Gatling**
- **AWS** / GCP
- **Git**
- **JSON**
- XML
- Elasticsearch
- RabbitMQ / Kafka
- Python / R / Scala / Spark
- **Databricks /** Qubole
- **TDD** / BDD
- **Scrum / Agile / Jira**

TEST SCORE

GATE / Mar 2016
Computer Science
Percentile: 90.06
All India Rank: 10775

ABOUT

A proven versatile software engineer with about **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, Distributed Systems** and good exposure to software best practices like **Test-Driven Development (TDD), CI/CD, Agile methodologies, Scrum, Jira and Confluence**.

PROFESSIONAL EXPERIENCE

Software Development Engineer - II

Discovery Inc., Bengaluru / Aug 2021 - Present

Project(s): Video Delivery Platform

- Doing my bit on Discovery's Video Delivery Platform

Tech Stack: Go, REST, Microservices, Docker, PostgreSQL, AWS, Gatling, Scala

Senior Software Engineer

MiQ Digital, Bengaluru / Jan 2020 - Aug 2021

Project(s): Data Ingestion

- Active development & maintenance of Data Ingestion, a one stop solution to onboard terabytes of data into MiQ ecosystem.
- **Led the Data Health feature** 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
- **Increased developer efficiency** by introducing docker-compose to run the services locally

- Mentored juniors in the team & interviewed junior/mid level engineers for team

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

Software Engineer

Manhattan Associates, Bengaluru */ July 2016 - Jan 2020*

Project(s): Order Management, Order Visualization, Point of Sale

- Worked actively on **development of Order Allocation Engine** for Manhattan Active Omnichannel Cloud Solution
- Involved in **design and development of Order Visualization** project that gives insights on orders placed, orders cancelled, inventory available, cost-to-ship and many more interesting parameters
- **Developed Inventory Availability Indicator** feature end to end (backend & frontend) for POS application
- **Built and owned Performance Regression Automation Tool** for POS team that benchmarks API response time, detects break in API performance and sends out email notifications
- As part of product maintenance, handled internal support requests, provided custom implementations, user exits and hot-fixes for critical bugs

Tech Stack: Java, Springboot, Microservices, REST API, Docker, Gradle, MySQL, Elasticsearch, Kibana, AWS, GCP, JUnit, Gatling, Angular2, TypeScript

EDUCATION

Master of Technology - Artificial Intelligence & Data Science

Indian Institute of Information Technology, Kottayam */ Aug 2020 - Present*

Current CGPA: 9.38 (until semester-2)

Bachelor of Engineering - Computer Science & Engineering

PES Institute of Technology, South Campus (Under VTU), Bengaluru */ August 2012 - June 2016*

Percentage: 74.40, Class: First Class with Distinction

PERSONAL PROJECTS

COVID19 Analysis / Oct 2020 - Nov 2020

An analysis report on Covid19 cases worldwide carried out in R

Git Bot / May 2020

Git bot allows user to draw various patterns like waves, characters on Github contribution graph

Watermark the Image / Jan 2018

This java application can be used to watermark the images with the given input string

Image Steganography / Jan 2016 - May 2016

BE project in which the data is embedded by altering least significant bits of quantized DCT coefficients of cover image. This application can hide up to 8 images with in a cover image and also can extract these hidden images from the cover image. Published paper in International Journal of Engineering Research & Technology with title "*Multiple Image Steganography using LSB-DCT Technique*"