MOHANA KRISHNAN N

Software Development Engineer - Full Stack

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📍 Chennai

EXPERIENCE

Software Engineer - Front End

Fourkites 📅 04/2018 - Ongoing

Real-time load tracking and supply chain visibility solutions for the logistics industry.

What did I achieve in this role?

- Developed single page web apps for new user-facing features using **Angular 2+**
- Developed reusable component using **HTML, SCSS and Angular 2+** with proper unit test cases using **karma, Jasmine**
- Worked on map integration like **Here maps, Map-box** using **Leaflet**
- Actively participate in backend development using **ruby on rails, PSQL, Elastic Search, Redis**
- Did simple POC for backend service using **NestJs** framework to minimize context switching between backend & frontend web development (NestJs follows Angular 2+ code structure)

Software Engineer - Back End

Zoho Corp 📅 05/2016 - 04/2018

web-based business tools and information technology solutions

What did I achieve in this role?

- Developed search features in search microservice like elastic search using Lucene library in **Java, MySQL, DFS** (distributed file system - **Hadoop**) and **Tomcat server.**
- Developed batch processing operations in search service and reduced **indexing time by 10%.**
- Developed search performance anomaly detection and send daily report to emails using **Java** and **SendGrid**.
- Implemented **Multi Queue(MQ) Caching Algorithm** in search system for reducing searcher opening time, search time reduced **~2%**.

EDUCATION

BE - Electrical and Electronics Engineering

Karpagam College of Engineering 📅 2012 - 2016

GPA
7.9 / 10.0

PASSIONS

🚶 **Hiking & Trekking**
Recently explored Dayara Bugyal 12,057 ft Altitude) peek.

SUMMARY

I'm a Software Development Engineer with good problem-solving skill, a passion for crafting efficient software and interest towards quickly learning new technologies when the need arises.

SKILLS

Backend

Java MySql Tomcat NestJs

Bash Elastic search Redis

Ruby on Rails

Frontend

HTML CSS SCSS JS

TypeScript Angular 2+ Jasmine

Gulp

Computer Science Concepts

OOPS Data Structure Design patterns

System Design

Tools

Git JIRA VSCode

LANGUAGES

English Intermediate ●●●●○

Tamil Native ●●●●○