

# MOHANA KRISHNAN N

Software Development Engineer



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## 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

## PROJECTS

### URL Shortener Web App

Developed a simple url shortener web for low user traffic

- Backend service - NestJs
- Frontend client - Angular
- Interested? Please check my portfolio for more  
<https://mohankrish.netlify.com/>

<https://mktin.netlify.com/>

## 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 Postgres NestJs

Bash Elastic search Redis

Ruby on Rails

### Frontend

HTML CSS SCSS JavaScript

TypeScript Angular 2+ Jasmine

Gulp

### Computer Science Concepts

OOPS Data Structure Design patterns

System Design

### Tools

Git JIRA VSCode

## LANGUAGES

English Intermediate ●●●●●

Tamil Native ●●●●●

## FIND ME ONLINE



LinkedIn

<https://www.linkedin.com/in/mohan-krish/>

## PASSIONS



Hiking & Trekking

Recently explored Dayara Bugyal 12,057 ft Altitude) peek.