



Amaresh Hiremani

Software Engineer

I have a keen interest in building highly available backend systems and solving real-world problems using data structures and algorithms. I am also passionate about technology and its impact on enriching lives. In addition, I believe effective collaboration and being a team player are key strategies for optimizing my work in the organization.

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WORK EXPERIENCE

Associate System Engineer TCS

04/2021 - Present

Bangalore, Karnataka

Client - Thomson reuters (project - CSP, DCP)

Full stack developer

- Built microservice APIs for various CRUD operations in backend web application using spring boot framework.
- Create user, assign various roles to user, mapping capability to the roles assigned and based on capability various actions can be performed once user logs in. Like managing orders, raising tickets, inviting other users and payment gateway etc.
- Implemented serverless architecture leveraging AWS Lambda (node.js), API Gateway and load balancer to cache and serve frequently queried, non-critical data efficiently. Resulted in a significantly faster website load time across geography and ability to handle traffic spikes by scaling lambda.
- Actively managed code deployments using jenkins and liquibase jobs to various environments till production.
- Worked actively in sprint cycles. By owning module of document downloads collaborated effectively with solution architect and business owners to design and develop it.
- Designed schemas, indexes, materialised views for implementing internal log monitoring system and designed UI using react.js components and props. Developed leadership skills by heading a dev team.
- Collaborated effectively with cross domain ERP teams, QA and Devops by tracking performance and logs using cloud watch and cloud trails.
- Skills - Java, Spring framework, sql, Node.js, react.js, AWS, Jenkins, liquibase, github, kubernetes and docker.

EDUCATION

B.E (Computer Science)

KLE Technological University, Hubli

06/2015 - 06/2019

Hubli, Karnataka (8.4/10 CGPA)

Courses

- Database, Java, Operating System, Data Structure and Algorithms, Web Technology, Machine learning

SKILLS

node.js

java

spring boot

sql

aws cloud

aws rds

aws documentdb

jira

github

jenkins

PERSONAL PROJECTS

Emeds (01/2018 - 06/2018)

- Designed webapplication using MEAN stack, where medical practitioner can manage their patient appointments.
- Proficient in - Node.js, Angular, mongoDb.

KLE Citie (06/2018 - 11/2018)

- Worked as python full stack developer, designed a web application to upload videos and process salient frames in the video based on ML algorithm.
- Proficient in - python, tensorflow, opencv, flask apis & react.

ACHIEVEMENTS

Bosch Paper presentation

Finalist in proposing idea to use AI for designing modern smart cities.

Inszoom Hackathon

bagged 3rd place in the competition.

Published paper in IEEE conference

Developed a ML model to detect psychological disorder based on text post and deployed it along with MEAN stack webapplication.

LANGUAGES

English

Professional Working Proficiency

Hindi

Professional Working Proficiency

Kannada

Full Professional Proficiency

INTERESTS

Music

Travelling

Yoga

Bicycle