

Lingeshwaran K

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Summary

I am a DevOps, cloud and software developer enthusiast. I have expertise in various programming languages, frameworks, and tools, such as Python, Java, Git, Jenkins, Docker, Kubernetes, and AWS, GCP. I am passionate about creating high-quality, scalable, and secure applications that meet the needs of the clients and users. I am always eager to learn new skills and technologies to enhance my professional growth and deliver value to the projects which i work on.

Internships

IEEE Bombay

Remote

FULL-STACK DEVELOPER

Dec 2022-Jan 2023

- Learnt Svelte framework and made the good front end dynamic design for the projects, learnt node, npm, flask along with leadership skills, communication, collaborative approach etc.

Github

Remote

OPENSOURCE - HACKTOBERFEST

Oct 2022- Dec 20200

- Tried lots of Javascript projects, helped some people in their projects by contributing to add new features
- Learnt How to make proper Documentation for the projects and how to make sense to new contributors step by steps guide from clone to pull request
- Learnt and experiments Github and its features in depth, Package release, version control, deployment, GitHub bots handling, how to make proper pull requests, make Issues, how to approach and reply on the pull requests, workflows etc

Qwickslab

Remote

GOOGLE CLOUD READY PROGRAM

Mar 2022-Dec 2022

- Learnt Google cloud platform with various labs on deploying, monitoring, database, BigQuery etc
- Tried Cloud logging, monitoring, warehouse, BigQuery, Serverless, firebase, API's, DevOps, scaling an application, managing cloud cost, Kubernetes

Spark Foundation

Remote

WEB DEVELOPMENT INTERN

Nov 2021-Dec 2021

- Created an application with payment gateway

Forage

Remote

AWS SOLUTION ARCHITECT INTERNSHIP

April 2023-April 2023

- Understanding AWS products and how they helping the organization applications
- I solved a solution of the task that the client requesting a scale their application and implement new features in SAAS, and does the cloud cost management on Data usage and storage which uses S3 Bucket and EC2 instances

Cloud Clause

Remote

PYTHON DEVELOPER INTERN

May 2023 - May 2023

- Learnt Django basic along with in-built database
- Made Url shortner and music player project

Skills

DevOps	AWS, Docker, Kubernetes, Python, Golang, GitHub, YAML, Jenkins(learning)
Back-end	Node.js, python, Java Servlet
Front-end	HTML5, CSS3, Javascript, Svelte Framework, Figma
Programming	Python, JAVA, YAML, C, C++, Golang
Database	MySql
Hosting	Google cloud, AWS, Heruko, GitHub
Languages	English, Tamil

Projects

Dockerized node webpage

DOCKER

May 2023

- Dockerize the static website with Docker file
- Using docker file user can run the project without any dependancies in the express server

Url shortner

DJANGO PYTHON

May 2023

- Generates link with unique few characters along with domain address to shorten the url
- packages used http , uuid , it also works in localhost.

Chit payment gateway

RAZORPAY INTEGRATION

April 2023

- Based on the client location , region , city and scheme it generate the value of the scheme payment amount
- Client can pay using online transaction, UPI , credit card , wallets to pay
- the branch head and customer both receives receipt along with user details on the mail on successful paymets

Movie recommendation System

API

Mar 2023

- Movie recommendation based on user input
- Built using OMDB API , based on the input it shows Movie name along with poster , rating, cast , year , runtime

Golang webserver API

GOLANG - MUX

Mar 2023

- Writes the file content inside the program and creates a router with mux function along with specified port number and read the content which is writtern in the program and prints in static website

Weather App

API , OPEN WEATHER MAP API , OPEN STREET MAP API

Feb 2023

- Simple Dynamic Weather app currently shows weather for the current location
- for user pin drop on the map it shows weather, place name, min and max temperature,windspeed

Broken link checker

NPM , NODE , SVELTE, PYTHON , FLASK

Dec 2022

- Broken link checker basically fetchs all the hrefs from the user input site , and for all those links it checks the status code , if it is 2xx then success , or else Broken
- Greate and efficient Search Engine Optimization tool

Honors & Awards

2018	Topper , Class 10th 1st Rank Holer	Salem,India
2019	Topper of the Batch , Class 11th 1st Rank Holder on Computer and Biology batch	Salem,India
2020	Best Employer of the month , European Morgage BPO	Salem , India
2013	Topper of the Batch , Class 12th topper of the batch and secured 1st mark in Maths and Computer Science	Salem , India
2022	Participation , Hacktoberfest	Remote
2022	Participation , Google Cloud Ready	Remote

Presentation

Paper Presentation

SRM university, chennai

PAPER PRESENTATION ON CLOUD COMPUTING

Jun 2022

- Introduced the history of Cloud Technology and Detailed explanation on how organization using and how effective it was
- How it was used and evolved in these years and how and what problems it solves.

Writing

About N-host and react Project life cycle

Hashnode

BLOGGER

Oct 2022 - present

- Documented my project made for Hack-R-Play Hackathon
- Items covered: Why I built, How I built
- Soon I will share my learnings about my Projects and DevOps journey on hashnode

Education

St.Joseph's College of Engineering

Chennai,India

B.E IN COMPUTER SCIENCE AND ENGINEERING

Aug 2020-May 2024

- Learnt inter-personal skills , Project management, Software Development cycle, Networks, Operating Systems, Database management System
- Attended Community meetup recently at Microsoft ,chennai on Data Day 2023
- Participated in few Hackathons,Webinars, Club activities