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 also proficient in agile methodologies, continuous integration and delivery, and automation testing. I am always eager to learn new skills and technologies to enhance my professional growth and deliver value to the projects I work on..

Internships

IEEE Bombay
Full-stack Developer

Remote

Dec 2022-Jan 2023

- Learnt Svelte front-end framework and made the good front end dynamic design for the projects
- Learnt Figma and made lots of sample works to do a better design using various online tools like color picker, pexles etc
- Learnt Node Js and Node package manager to use and build the applications easily and effectively
- I tried Backend in python and flask server .
- Learnt Firebase and how to use and deploy applications, create authentication to the website
- Made a Search engine project to find broken links in the website using node js

Github
OpenSource - Hacktoberfest

Remote

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
Google Cloud Ready program

Remote

Mar 2022-Dec 2022

- Learnt Google cloud platform with various labs on deploying ,monitering , database ,BigQuery etc
- Deployed an AI interactive Google assistant with various welcome and task based prompts
- Deployed ML image processing application on GCP platform
- Tried CLoud logging , monitering , warehouse , BigQuery, Serverless, firebase, API's, DevOps, scaling an application, managing cloud cost, Kubernetes

Spark Foundation
Web development Intern

Remote

Nov 2021-Dec 2021

- Completed various creative , good tasks
- Created an application with payment gateway

Forage
AWS Solution Architect Internship

Remote

April 2023-April 2023

- Understaanding 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
Python Developer

Remote

upcoming may 2023

- Why i have applied is to learn python in-depth to make advanced back-end projecs , and to automate stuffs
- To learn integration of API's , packages , Third-party plugins ,CLI etc

Skills

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

Projects

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 , orelse Broken
- Greate and efficient Search Engine Optimization tool

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

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

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

Password Generator
JAVASCRIPT   *Mar 2023*
- Generates a strong random password based on user choice of Lowercase , Upper Case,Nubmers, symbols, spaces , length of the password

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**, Europiean 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