Kalaiarasan R

Full Stack Developer

Based from Chennai, TN, India
Phone : +91 73582 29808
Email : 75kalai@gmail.com
LinkedIn : www.linkedin.com/in/r-kalai
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BIO

Hello, I'm Kalai – a passionate problem solver with a love for tackling challenges. I find joy in critical thinking, design, and the intricate world of data structuring and analysis. Beyond coding, I am also a thinker and philosophy enthusiast.

Professionally, my coding journey has led me through various programming languages, concepts, design principles. I've worked on them to solve everyday business logics. I'm familiar with fundamental concepts like Programming Constructs, Data Structures and Algorithms, Computer Networks, and Software/System design.

My professional journey includes valuable experience as a Software Developer at Zoho. Now, I'm eagerly seeking a role in a company where I can apply my skills, learn, and grow together with the team. I'm excited about the prospect of creating value to a company and wish to progress together!

SKILLS

	Languages/Skill	Frameworks/Libraries/Servers
Front end	JAVASCRIPT CSS3 HTML5 XML	REACT EMBER JS BOOTSTRAP JQUERY Angular**
Back end	JAVASCRIPT JAVA PHP C++ C PERL**	NODE JS EXPRESS APACHE TOMCAT etc..
Database	MYSQL PGSQL MONGO DB	Mongoose, connect-mongo etc... JDBC, ODBC etc...

Architectures/ Middlewares	REST API Model-View-Controller JWT, RSA, OAUTH WEBHOOK	
OS/Scripts	BASH SHELL	Win95 - Win11 Ubuntu KALI Linux Other Distros : Deepin, Zorin
Version Controlling	MERCURIAL GIT	
Programming Subjects & Interests	OOPS DSA OS Fundamentals, Cryptography, Computer Networks, Math & Science	
Others	Zoho Products Workflow Automation AWS Arduino programming Wordpress MS Office apps.	ZOHO DELUGE Script

EXPERIENCE

ZOHO - *Member Technical Staff*

Product : ZOHO SIGN

DEC 2018 - FEB 2021

- Worked in integrating Zoho Sign with other Zoho Apps like Zoho Mail, Zoho Desk, Zoho Projects and external Apps such as Box cloud storage, Google Docs.

- Worked in internal features of Zoho sign.

- Provided technical support for Zoho clients and Zoho Partners frequently

- Wrote a PHP SDK for Zoho Sign (https://github.com/zoho/zsign-php-sdk)

- Actively Participated in Zoho Sign's product design meetings, providing valuable suggestions and feedbacks

- Wrote a script that helps to convert (json construction) code between 5 languages(Deluge Script, Python, JS, Java, PHP).This was useful for technical support engineers to quickly write code when on support call with clients.

RECENT PROJECTS

INSTATREND, MERN Stack

DEC 2023 - JAN 2024

LINK : https://kalai.cyclic.app/instatrend

A fully working clone of INSTAGRAM

- Full stack app, production ready, scalable
- Full responsive for mobile, tab & desktop.
- MERN Stack project.
- REST API structure.
- backend follows MVC structure.
- currently serving from localhost and using local storage for images. Can be hosted and can use s3 or cloudinary etc. (big enough to be not hosted in free servers)

INFINITY BUILDERS, Vanilla CSS only

NOV 2023
LINK : https://75kalai.github.io/

A Vanilla CSS only landing site with COOL ANIMATIONS! Check it out!
Especially page 9.
No JS used!

WebOS, Vanilla CSS & JS only

NOV 2023
LINK : https://kalai.cyclic.app/

A Vanilla JS only clone of Windows. It Works :) *Need more apps though*.

EDUCATION

Login 360

Front End Development

AUG 2023 - DEC 2023

Learned using REACT JS Library, Bootstrap, CSS3, HTML5, ES6-JS, GIT, REST-API and practiced many problems using this stack.

Shanmugha Arts, Science, Technology & Research Academy (SASTRA), Thanjavur

Bachelor of Technology - BTech, Computer Science

2015 - 2019
Grade: **7.09 CGPA**

Activities and societies:
- Got certified on "Computer Architecture" course in NPTEL.
- Made a "Sharify" App in Java that was useful for my hostel mates. It helps change the Windows device MAC id and start a wifi-sharing/hotspot network.
- Participated in SPYBOTICS workshop conducted by i3indya Technologies.
- I have won some competitive pc-gaming events as individual and as team(NFSMW 4 times, CODMW) .

I was a selectively avid learner. I enjoyed solving critical problems with creative ways.

Bharath Senior Secondary School - India

12th Grade , Computer Science

2013- 2015
Grade : **93%**

I Loved Physics(esp. in motion, dynamics) and Problem solving.
In 12th public exam, (3) subject topper in *Computer Science*(aka Information-Practice, 99%), Mathematics(88%) & Chemistry(95%) in school level.
94% in Physics.
12th grade Science Group topper in school level.

Activities and societies:
- Won 1st place in both Shot Put & Discuss games in Annual School Sports Meet.
- Made a functional E-Commerce App called E-Kart (basically a clone of Flipkart) for 12th grade Computer Science Final Project using only Java, Java-Swing and MySQL.

AAKASH INSTITUTE
IIT JEE Preparations

2013- 2015

JEE - Mains score : **104 / 360**

PON VIDYASHRAM, CBSE
10th Grade Schooling

Till 2013

Grade : **92%**

NIIT INSTITUTE
C, C++ & JAVA

2010- 2011

CSC Computer Education pvt ltd.
Diploma in Digital Desktop Publishing (DDTP)

2010

Adobe PageMaker, Photoshop, Corel Draw, MS Office, Windows Fundamentals & Project.

(Not really useful/relevant)