SARATH KISHORE R

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Location - Bangalore, India | **Portfolio** - sarathkishore.com/portfolio | **Leetcode** - https://leetcode.com/sarathkishore
Github - https://github.com/sarath-kishore | **Certifications** - https://sarathkishore.com/certificates/

TECHNICAL SKILLS

- **Core** - Data Structures & Algorithms, OOPS, System Design, Distributed systems, Microservices
- **Programming** - Java, SpringBoot, Spring data JPA, Spring Security, Javascript, HTML, CSS, Bootstrap,
- **Database** - MySQL, NoSQL - Firestore, Redis
- **DevOps & Cloud** - Docker, Git, Firebase, GCP (Google Cloud Platform), AWS (Amazon Web Services)
- **Tools** - Cloudflare, Sendinblue, Hotjar, LogRocket

CERTIFICATES

- **Coursera**
  - Amazon - AWS Cloud Technical Essentials
  - Amazon - Data Structures and Algorithm
  - Amazon - Programming with Java
- **LinkedIn Learning**
  - Advanced Design Patterns: Design Principles

WORK EXPERIENCE

Co-Founder, Software Engineer (*Foracoach Technologies Private Limited, Coimbatore*)   October 2021 - August 2024

- Led the end-to-end design, development, and deployment of a **scalable SaaS application**, integrating advanced **REST APIs** to handle real-time client interactions, as well as the company's website and blog.
- **Implemented NoSQL (Firestore)** for distributed data storage, improving data retrieval times.
- **Designed and implemented a scalable system architecture** for the application on **Google Cloud Platform (GCP)** to efficiently handle **dynamic traffic loads and system failures**, ensuring high availability and fault tolerance.
- Designed and implemented multiple modules including an **Exercise Library, training Program creator** and **Client management tool enhancing efficiency for fitness coaches by 30%,** improving their **client retention** and **expanding their reach globally 5x'ing their clientele** through scalable, data-driven solutions.
- Developed a training module for trainers' clients, improving user retention by 70% and streamlining access to personalized fitness data in a simple **easy-to-use interface.**
- Developed a **chat messenger** for **in-app communication** between the trainer and their clients.
- Built secondary modules such as workout tracker, workout tools, workout history, files sharing to **assist the trainers in personalizing coaching for clients' unique lifestyle and needs.**
- Created an **internal admin dashboard** to streamline license key application and customer profile maintenance.
- Developed **various microservices** including to-do list, notes, file share, URL shortener, timer, stopwatch, metronome as integral components of the product.
- Utilized a range of open-source and commercial tools such as **GCP**, Cloudflare, Hotjar, Docker, LogRocket, Dropzone.js, Quill.js, ApexCharts, Moment.js, Mesibo, Lottie, Sendinblue, and Tawk.to throughout the development and deployment phases to enhance system performance.

Freelance Web Developer (Portfolio)   August 2020 - July 2023

- Led the ideation, design and development of the business websites for various clients.
- Built CRUD APIs to provide customized forms, **warranty management system** and **admin dashboards** as required.
- **Tech Stack -** HTML, CSS, Javascript, Firebase, jQuery, PHP, WordPress, Woocommerce
- **Projects -** Pulze Batteries, Stockgenix Broking, Ekam Fertility Clinic.

Frontend Developer (*TestedOk Technologies Private Limited, Coimbatore*)   June 2020 - October 2021

- Spearheaded the end-to-end design and development of the **product landing page and cloud dashboard**; collaborated on the ideation and design of the **product's onboard UI**.
- Handled the deployment of website and dashboard files on a Virtual Private Server (VPS), implementing Cloudflare for security, Content Delivery Network (CDN), and Secure Sockets Layer (SSL) encryption.

OTHER RESPONSIBILITIES HELD

Department Joint Secretary (*Kumaraguru College of Technology, Coimbatore*)   June 2017 - May 2018

- Organized the Global Alumni meet and revived the Out-Bound-Training program in 2017.
- Coordinated events at Yugam in 2018 and initiated the department newsletter from 2017 to 2018.

EDUCATION

B. E. in Computer Science and Engineering
(*Kumaraguru College of Technology, Coimbatore*)
August 2016 - October 2020

- Coursework - Data Structures, DBMS, OS, OOPS

AWARDS

Rig-a-thon - *WINNER*
(an Intra-college multidisciplinary hackathon)
Kumaraguru College of Technology, Coimbatore
September 2017