

Kiran Rajaram

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Profile Summary

Full Stack Software Engineer with more than **6 years** of experience in **developing Highly Scalable** as well as **Optimized** technologies. Having good **Problem Solving** skills. Very good at **Object Oriented Designing, Data Structures and Algorithms**.

Professional Experience

Software Development Engineer,

07/2016 – present, [HIFX IT And Media Services PVT LTD](#), Ernakulam, Kerala, India

- Worked on **full stack web applications** based on **JavaScript, Reactjs, Nodejs, D3js, and Go**.
- **Designed, built, deployed, and maintained**
 - Innovative **User-Interfaces** for **Data Visualizations** and **Board Games**.
 - **SDKs** for fetching data from **client web, mobile, desktop applications, Google AMP, Facebook IA, YouTube, Brightcove, Web ads, Video Ads**
 - **Bookmarklet** as well as **browser extensions** for **heads-up displays** and **tooltips**.
 - **Highly Scalable Microservices, GraphQL, REST and Websocket APIs** with **Protocol Buffers, Node.js and Go**.
 - Daily running **automated jobs** for **emailing, data formatting and dashboards** with **AWS tools(S3, SES, DynamoDB, KMS, MySQL)**
 - **Dockerized** applications for **deployment** and **introduced docker-compose** for **development**
- **Implemented best practices** and ensured **code quality** among the Team.
 - **Improved the performance** of the **web application** by **updating the old stacks, avoiding re-rendering, code splitting, etc.**
 - **Reduced the development time** by **introducing simple, performant microfrontend architecture** in **Frontend**.
 - **Improved TDD** by **implementing latest testing tools like Jest and react-testing-library**.
- **Managed tasks** by **gathering requirements** from **Clients and Product Owners**, **modularizing** them, **estimating** the efforts, and **conducting effective distribution**.
- **Skilled in HTML, CSS, Bootstrap, Tailwind, MUI, Webpack, NPM, Git, Google Charts**
- **Exploring** the possibilities of **TypeScript, Python, Data Studio**

Projects

- **Play along online game**
 - A **high-traffic play along quiz game** that has over **200K**, concurrent users.
 - Used **protobuf** as the **data transfer format**.
 - Used our in-house **Single sign-on system** for authentication.
 - The deployment was done in **AWS**
 - **Built with Go, Redis, DynamoDB, ReactJS**.
- **Analytics Platform** ([Article from AWS](#))
 - A **high-velocity clickstream analytics platform** and **fully scalable big data ML/Analytics pipeline**.
 - The deployment was done in **AWS, Databricks**.
 - The frontend was built using **JavaScript, ReactJs, NodeJs, D3JS**.
 - The frontend was deployed on **AWS S3**.

Education

- 08/2011- 06/2015, **Bachelor Of Technology**
Government Engineering College Idukki, Painavu, MG University.
Major field of study: **Computer Science and Engineering**.