

Koushik Radhakrishnan

Senior Engineer

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As a software developer with 9+ years of experience in product development, I would like to achieve high career growth through continuous learning. I keep myself dynamic, competitive and adhere to the challenging needs of the industry.

SKILLS

FRONT-END

- Ember JS (3.12 LTS)
- Flutter
- ReactJS
- HTML 5
- SCSS
- CSS
- JavaScript
- Typescript
- jQuery
- LESS

BACKEND

- Ruby 2.5.0
- Rails 5.2
- Java SE 8/J2EE 1.8
- Spring Framework 4.2.0 (Spring web services)

TOOLS

- GIT has good knowledge of all GIT operations for smoother version management
- Utilized **Jenkins** for continuous integration and automated build deployments
- Managed asset deployment using **AWS CLI** for efficient storage and retrieval in S3 buckets
- Managed source code and version control using **GitHub**, **Bitbucket**, and **GitLab**

UI DESIGN

- Figma
- Invision
- Collaborated with designers using Figma and Invision to translate design prototypes into functional code.

AWARDS AND RECOGNITIONS

"Great by Choice" award - For displaying Exceptional Craftpersonship consistently in the 1st Quarter of 2022.

"Will it makes the boat go faster" award - For displaying outstanding teamwork in the 2nd Quarter of 2021 in Freshworks.

Engineering Champion for "Excellence" - Recognized for outstanding contribution during the 2nd Quarter of 2020 in Freshworks.

Best Team Work - Received Engineering award for the best team and teamwork in Freshworks.

Best App for Freshteam - Won in "Appathon" conducted by Freshworks for innovating new ideas and developing an ad-hoc custom web app for the HRMS Software called **Freshteam**.

WORK EXPERIENCE

DECEMBER, 2022 - PRESENT

Senior Developer - Frontend

IFIS Asia Private Limited (Working under SGX Group, Singapore)

Project 1: SGX Investor Portal

- I'm one of the two front-end developers responsible for developing portals for investors. Accountable for building reusable forms, components and widgets.
- Contributed to improving the website's performance by suggesting an effective caching mechanism using service worker.
- Writing unit tests and taking care of deployments.
- Developed responsive and user-friendly frontend code to ensure seamless and consistent user experiences across various devices and screen sizes.
- Collaborated closely with design and product teams to implement new features and enhancements to the design system, resulting in improved usability and efficiency.
- Actively contributed to the expansion of the design system by creating and maintaining reusable UI components, reducing development time and promoting a cohesive user experience.
- Front-end: HTML 5, Javascript, SCSS.

Project 2: Genghis (Mobile app and web unification)

- Played a pivotal role in the frontend development efforts within a cross-functional team working on a project utilizing **Flutter**, a framework for building natively compiled applications for mobile, web, and desktop from a single codebase.
- Actively participated in the development and maintenance of the company's design system, collaborating closely with design and product teams to integrate design system components seamlessly into the Flutter codebase.
- Provided valuable insights and technical expertise during code reviews, ensuring adherence to Flutter best practices and design system guidelines, resulting in a robust and scalable codebase.
- Front-end: Flutter 3.16.

Project 3: DLtribute

- Collaborated on the development of DLtribute, an internal tool built on **Flutter**, aimed at enhancing employee engagement and recognition within the company.
- Played a vital role in the frontend development of DLtribute, implementing user interfaces and contributing to the seamless integration of blockchain technology for the employee reward system.
- Worked closely with stakeholders to understand requirements and translate them into user-friendly features and functionalities, ensuring alignment with company culture and values.
- Utilized Flutter's capabilities to create a responsive and intuitive user experience, facilitating the transfer of points and promoting a culture of recognition and appreciation.
- Front-end: Flutter 3.16

2018 - 2022

Lead Software Engineer - Front end

Freshworks

Project 1: Smart HR Software for Business (HRMS) - FRESHTeam

- I'm one of the core front-end developers contributing to the development of an HRMS product called **FreshTeam**.
- Developed/Designed product workflows, components, and plugins to support the needs of the application.
- Applied new/existing solution patterns to improve the performance and reduced the time of the first contentful paint by 1.5 seconds.
- Improved performance of the pages by lazy loading contents only when it is loaded in the viewport which resulted in reducing the number of network requests to the backend.
- Solved 100-plus depreciation in the app and also fixed major security vulnerabilities with the proper solution and approval of architects.
- Wrote Unit, Integration test cases for the product to maintain coverage and stability.
- I was also responsible for reviewing the code in the front end to make sure best practices were followed.
- Being a **Squad lead** for an 8-member team, was responsible for planning, delivering and doing retrospectives with the team for the same.
- Apart from the front-end development, I was keen on understanding the business logic and also added value to the product based on customer and market needs. As a part of it developed a feature of **smart suggest candidates** offline, which added more value to the product and was a selling point to customers.
- Front-end: Ember JS (version 3.12 LTS), SASS.
- Back-end: Ruby on Rails (Ruby version 2.5.0 and Rails 5.2), MySQL 8.0.
- I also own complete control over the remote Repository in GIT handling files.

2015 - 2018

Developer Engineer

IVTL Infoview Technologies Private Limited

Project 1: Web-based Enterprise Resource Planning tool - AI WORKS:

- I'm one of the core developers contributing to the development of an ERP product called **HUE (AI WORKS)**.
- I lead a junior team of 8 members to deliver the customer support module within the product.
- Front-end: HTML 5, Google-closure, LESS.
- Back-end: Java SE 8, Spring Framework (REST Web Services), Cassandra 3.0.15, Elastic Search 5.6.3.

Project 2: COMPANY web series:

- I was part of the core team in developing UI components for converting two-tier ERP applications to support the web, using HTML 5, CSS 3, JavaScript 1.8 and Delphi Intraweb XII.

TECHNICAL
CERTIFICATIONS

JUL 2024 - JUL 2024

● **Oracle Cloud Infrastructure, Generative AI Certified Professional**
Oracle University
Certified and recognized as Professional in Oracle Cloud Infrastructure 2024 Generative AI.

MAR 2018 - MAR 2018

● **Ember JS**
Eduonix learning solutions
Build web apps using Ember JS: Complete online course – *Eduonix Learning Solutions*.

FEB 2013 - JUN 2013

● **Oracle Certified Web Component Development**
NIIT
Credited with *Oracle Certified Web Component Development* (Workforce Development Program) - Java via *NIIT*, Chennai – *Graded as EXCELLENT*.

EDUCATION

2011 - 2015

● **BTech. Information Technology**
Alpha College of Engineering
CGPA: 7.05

2010 - 2011

● **Higher Secondary - 12th grade**
St. Ann’s Matriculation Higher Secondary School
CGPA: 7.92