

RAMKUMAR SRIDHAR

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Skills

- JavaScript | Java | HTML/CSS | Sass | Node | React | Redux | NPM | jQuery | JSP | Git | Mercurial | Webpack | Tailwind | Next.JS

Experience

Member Technical Staff Zoho Corporation *Chennai, India* **04/2020 - Current**

- Working as a senior front end developer in Zoho Analytics(BI tool) specializing in building SPA's using JS frameworks
- Implemented bundling of static assets using webpack to improve caching and faster file loading. Improved home page loading by reducing the first time load size and improving file caching and bought loading under 1.2 seconds.
- Improved application performance by implementing on demand and batched loading across the product which in turn reduced the initial load time and DOM size resulting in faster initial loading and reduced server hits across the product.
- Implemented permission based reports and feature access across the product by allowing admin's to assign custom roles to users.
- Re-engineered Sharing (public and user specific) at UI level by splitting requests resulting in faster loading by 30%.
- Implemented Entity Relationship diagram generation at workspace & table level also implemented table & column lvl manipulation from the ER diagram itself using OGDF library.
- Executed preview thumbnail generation for report previews for all types of reports across the product.
- Improvise the existing search bar component's functionality and assisted in implementing dark mode across several modules.
- Mentoring a team of 4 individuals, assigning tasks and conducting periodic reviews of their code and performance.

Associate Software Dev Robert Bosch Engg & Business Solutions Pvt Ltd *Bangalore, India* **07/2019 - 04/2020**

- Worked in ultrasonics based assistive car parking team, North American division
- Assisted in sensor data measurement and conversion for the Control unit of car
- Implemented unit testing of data conversion process and helped in mainframe integration testing
- Completely automated the sensor data conversion test flow, was used during pandemic remotely without any intervention.

Software Developer Intern Ghost Vision(IIT Madras) *Chennai, India* **03/2019 - 06/2019**

- Was part of an AR based application development team working in image processing and IMU sensor based position detection.
- Implemented image processing and movement detection for frame based deployment of unity rendered models in real time
- Integrated movement measurement unit (IMU sensor based) for position tracking of mobile phone / headset in real time.
- Initiated the frames processing module to detect surface level features using object detection algorithms

Education

Bachelor of Engineering MSEC, Anna University *Chennai, India* **07/2015 - 05/2019**

- Major in Electrical and Electronics Engineering
- Coursework projects : Reclaimer derailment prevention, Voice Controlled Home Automation, Congestion Control in Networks using Fuzzy logic

Higher Secondary Education Prince Matriculation Hr Sec School *Chennai, India* **05/2013 - 04/2015**

- Major in Computer Science and Mathematics
- Scored 96.5% in the state level examination and was the department topper

Projects

- GPT-3 landing page:** Fully responsive component based landing page for gpt-3 using React and CSS
- Hoo bank landing page:** Fully responsive landing page for a payments company designed using React and tailwind
- E-Commerce (admin & user):** E-Commerce page for admins and customers with a list of features using React, Next.JS and tailwind
- Modern Portfolio:** Fully Responsive portfolio page using React, NextJS, tailwind and Framer motion

Mentorship

- Mentoring a team of 4, overlooking their performance and conducting code reviews in my current role at Zoho corporation.
- Computer Science Tutor:** Helped junior students for interview prep and taught them basic DSA and JS concepts

Others

- Volunteered as an NSS cadet for teaching and cleaning of government village schools nearby Chennai
- Managed department symposium as Sponsor coordinator by indulging with sponsors and convincing them to donate for our symposium