

Balanarayanan

CONTACT

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WORK EXPERIENCE

Google

June 2021 — Present

Senior FE Engineer (Technical Lead)

Roles

- Leads the FE engineering on **Business Website Builder** and **Presto Websites**. These two combined powers around **20M active business** websites around the world. Estimated monthly footfall **~100M**.
- Setup the front-end codebases in Angular with NgRx store architecture.
- Mentoring other engineers in the team related to FE skills.
- Collaborate with other teams to drive more traffic into the product.(Surfaces - Search, Maps etc)

Recognition

- **18** spot bonus, **25** peer bonus and **8 kudos** for various efforts like leadership, mentoring and high impact bug fixes.

Google

June 2018 — May 2021

Frontend Engineer

Roles

- Lead development of many modules on the Google Workspace Admin Console. Owned a 700K LOC codebase
- Core developer/owner on an internal widget library used by 50+ teams inside google to build many products like Admin console, vault etc.
- Executed large scale code changes involving 30+ of google teams and thousands of LOC

Redbus / ibibo group

Apr 2017 — May 2018

Technical Lead

Roles

- **Lead the mobile web platform / PWA** team of redBus, serving web traffic across all geographies.
- Created a new product called Bus-Chat, which lets people traveling on the same bus to chat with each other leveraging **Firestore** stack.
- Lead the initial voice efforts at Redbus. Making redbus integrations for **Alexa** and **Google Home**

Recognition

- redbus PWA was featured as a leading example in Google I/O 2017.
- Was awarded the **founders ring of honor** for the best performer of the year.

Redbus / ibibo group

Jan 2015 — March 2017

Senior Software Engineer

Roles

- **Architected** and developed the Mobile Web Platform / PWA in **NodeJS, React**.
- **Evangelized new web technologies** in the front-end team.
- Set up **ELK** stack which is used by a lot of teams for log analysis.

As Software Engineer

- Developed the new hotels website using **node.js, backbone, dust and handlebars**.

Was one of the first major customer facing sites in redbus to move to a node back-end.

- **Set up the deployment** process for all node based applications in redBus using **PM2**.
- Developed the new cancellation flow as a **single page application**.

Recognition

- Trailblazer of the Quarter[Q2 2015]
- Part of winning team - **Uber India hackathon** held at Bangalore[Jan 2016]

Mu Sigma Business Solutions

Sep 2013 — Dec 2014

Developer (Innovation & Development)

Roles

- Maintaining and adding more features for the UI and Node.js application layer for a **real-time** social media application that consumes tweets of given topic and generates visual outputs
- Developing new features for a web application (Backbone.js) used for easy visualisation of data (**VCL**).
- Led a team of 3 people in developing natural user interfaces using **Leap Motion and Microsoft Kinect**, and a team of 2 for creating a **UI** for monitoring trades performed by company's trading platform.
- **Curator of Weekly Dose Of JavaScript**. A weekly JS newsletter sent out to the innovation group.

Recognition

- **Spot award** for quick turn around in converting the first mentioned application for consuming and analyzing customer feedback of the worlds largest retailer.
- **Winner** of Analytically Social - a competition that aimed at using analytics for social causes. Made a dashboard that showed the accident heat-map of Bangalore using data from city police

SKILLS

TypeScript, JavaScript, HTML, CSS, NodeJS, React, Backbone, Angular, Webpack, REST APIs, PWAs

EDUCATION

Bachelor of Technology

Aug 2009 — Jun 2013

Kerala University

Computer Science and Engineering

CGPA : 7.6

PROJECTS (PERSONAL)

baMusic (bamusic.in)

A music streaming service based on youtube. Extremely useful for low bandwidth networks. Built completely in node and react.

Multi-document Data Summarization (UG Major Project)

A text summarizer which takes in multiple documents of the same topic and generates a summery of n lines. Involves bag of words representation, clustering of sentences, and rule-based sentence ordering using Python NLTK extensively.

INCOGNITO

An online multiplier game which attracted more than 2500 players and 1 Lakh page views from around the globe as part of college tech fest.