Sanjeev Malagi

Senior Software Engineer

Experienced, solution-oriented engineer with 6+ years of experience in building and delivering efficient software. Technology enthusiast, polyglot programmer looking for the right organization and right team to collaborate and contribute to.

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INTERESTS

| Serverless Computing | Microservices / K8s | Low level Design | System Architecture | Product Management |

| Backend Development | IoT | Algorithm Design |

TECHNICAL SKILLS

Programming Languages	Elixir, Javascript / Typescript, Go, Ruby	**Frameworks**	Phoenix, Node / Express, Serverless-Framework, React, React-Native, Ruby on Rails
Databases/Store	PostgressDB, MongoDB, DynamoDB, Redis, Firebase	**Tools**	Webpack, K8s, Docker, GIT, AWS

WORK EXPERIENCE

Senior Software Engineer
Scripbox India Pvt Ltd ☐

08/2021 - Present

Highlights

○ Integrated MoEngage and AppsFlyer with internal Apache Kafka consumer pipeline. Reduced user acquisition cost.

○ Migrated half a million users from WebEngage to the MoEngage platform along with all the user attributes and events.

○ Integrated MFCentral (services provider) with scripbox giving customers the ability to track their external mutual fund portfolio on scripbox. Improved user dependency and turnaround time from 10 minutes to 2 minutes.

○ Developed and improved account statement parsing, systematic investments detection algorithms and related data aggregation systems allowing the customers to upload their investment statements and track their wealth on scripbox.

○ Built support for the listing of Fixed Deposits, Government Schemes and Real Estate holdings.

○ Built internal data injection pipeline for acquired IFAs which helped in streamlining retention of acquired users. Migrated around 5000 users across 10 IFAs.

Software Engineer
Scripbox India Pvt Ltd

08/2018 - 08/2021

Highlights

○ Built SIP-Calculator , KYC-PAN checker, Tax Calculator and NPS System, Demo Dashboard, Goal Based Investing calculators etc.

○ Integrated Amplitude and WebEngage for powerful analytics and tracking, enabling data-driven decisions and targeted user engagement thereby increase engagement and reduced cost of acquisition.

○ Introduced UPI-based payment support with Razorpay and TPSL service providers, resulting in a 30% increase in total cash inflow.

○ Revamped the Scripbox app dashboard with updated navigation.

○ Added support for NRI customers on Investment Platform and optimised the signup and KYC flow which increased the conversion rate from 10% to 30%.

○ End-to-end implementation of customer referral system program with 1300+ referrals across all the platforms.

WORK EXPERIENCE

Full Stack Engineer
Appidom Technologies

07/2017 - 08/2018

Highlights

- Designed and engineered a robust vendor dashboard with an intuitive user interface, facilitating easy remote access for vendors, even in challenging locations like basement parking areas.
- Developed and implemented an innovative offline-first caching system using Firebase, ensuring uninterrupted vendor application access in low-connectivity environments.
- Collaborated closely with cross-functional team to gather requirements, analyze user feedback, and continually enhance application performance.

Web Developer
Freelance ⬈

02/2016 - Present

Achievements/Tasks

- Worked as the primary technical advisor for [Invense Technologies](). Worked on building and scaling up the platform
- Worked as a software developer for CED. Worked on building the MVP, platform and CRM
- Migrated and ported the legacy website to a statically generated website for Yantra AES Pvt Ltd using GatsbyJS
- Built MVP and website for 23Books.com using WordPress and Woocommerce
- Developed a wide variety of websites and applications for several small and medium-sized companies/startups.
- Handled teams, migrated codebases and managed knowledge transfers etc.

PROJECTS

Invense IOT Telematics Asset Tracking System
- Production grade IOT asset tracking and monitoring system with IOT data ingestion and aggregation pipeline with controllable data sampling.
- Scalable up to 10,000 requests per second.
- Breaking down business requirements into technical specifications, estimating timelines and distributing workload for the external team.
- Build Gitlab CI/CD pipeline for building and deploying the application to AWS lambda.
- Skills: Serverless, NodeJS, MongoDB, Docker, AWS Lambda, ECS, ECR, Amplify.

Invense - JARS services IOT Dashboard
- Completed a pilot project with JARS services (a smart automation company) to create a webapp to track and display their PLC assets.
- Skills: React, Serverless Framework, DynamoDB and AWS.

Invense Technologies Website ⬈
- Collaborated with the external design agency and the product owner to create a website for Invense Telematics. Increased traffic by 300% by optimizing page rendering and SEO.
- Added support for headless CMS and blog system.
- Built the website from wireframe to code.
- Skills: Gatsby, Tailwind, AWS Cloudfront CDN.

Read-A-Word ⬈
- An open-source tool to help read faster by displaying one word at a time
- Leanings: React, Webpack, Xstate and CSS grid

Personal Portfolio Website ⬈
- My personal portfolio website build with tailwindCSS along with CI/CD with firebase hosting
- Learnings: CI/CD, Github Actions, Tailwind

CERTIFICATIONS

The Complete Elixir and Phoenix Bootcamp
https://www.udemy.com/certificate/UC-b00cfcae-d980-4e0f-b387-80784ebc682f/

Modern React with Redux
https://www.udemy.com/certificate/UC-L89ZMLQC/