

Rohit Singhal

HSR Layout,
Bengaluru (KA), India 560102
+91 9019 029806
rohitsinghal.rs@gmail.com

B.E. (C.S.E.), Software Development Engineer

<https://github.com/rosinghal>
<https://www.linkedin.com/in/rosingha/>

EXPERIENCE

Setu — Senior Frontend Developer

JUNE 2019 - PRESENT

<https://setu.co/>

Setu provides financial services as modular building block APIs. Use them to offer payments, savings, and credit to your users via any application.

Working at Setu gave me a chance to work in a startup environment, fast moving culture, and understanding the needs from a user's perspective.

- **Roles and Responsibilities**
 - Planning and implementing the features to go in Dev Console along with designer and founder considering the bandwidth.
 - Responsible for creating the Dev Console which is used to onboard partners, so that they can start using Setu's APIs.
 - This was done along with a colleague whom I lead as well.
 - I was responsible for hiring for the Frontend team. Worked along with a fellow engineer and HR to create and optimize the expectation.
- **Key Achievements**
 - Build a dev Console using NodeJS and React along with Typescript from scratch.
 - Used the same codebase to be used by multi bank partners.
 - Styled components theme file to contain all theming variables.
 - Webpack config changes.
 - Console server also needed to act as a proxy and do some data transformation.
 - Worked on an open source UI library for react which was used for all internal projects for Setu.
- **Technologies Used**
 - React, Redux, Typescript, Webpack
 - Styled components, Lodash
 - NodeJS
 - Docker, Gitlab CI

Lantum — Software Development Engineer

JANUARY 2018 - MAY 2019

<https://lantum.com/>

Lantum caters to the needs of doctors (GP), practices, practice managers and hospitals in London for managing their day-to-day activities. This includes job fulfillment, pensions, billing and so on.

I was hired as a front-end developer but the role certainly was not limited to that.

Lantum was a whole new experience for me. I got the chance to improve my skills as a full-stack developer, know about CI/CD and most importantly working as a team player. It is a telecommuting job.

- **Roles and Responsibilities**
 - Build, test, and deploy frontend and backend features.
 - Provide feedback and training to junior developers through code reviews.
 - Provide sense check to design team and product managers on feature specification and prioritization
- **Key Achievements**
 - Migration to React
 - When I joined the company, the team had just started the migration from Angular 1.x to React, with just one feature built in React. I was part of the team that migrated several sections of the website from Angular 1.x to React, defining code structure, naming guidelines, and processes for building common components along the way.
 - Creating a common calendar component
 - This was challenging because we used the same component as a date picker, full page calendar, monthly calendar, weekly calendar, 4-weeks calendar etc. Each of these views showed events depending on the view type and the space available on the screen. Navigation buttons on each of the views also differed.
 - After 3 iterations I was able to build a common component as a parametric composition of several small components that met all of the needs.
 - Splitting react codebase into chunks
 - We were bundling all of our frontend code into a single JS & single CSS file which resulted in increased response time. I implemented chunking (provided by webpack) that reduced the load time by 50%.
 - Made sentry logs more useful
 - Sentry logs are not helpful if source maps of JS files are not provided. So uploading sentry logs to sentry allowed us to better track the error. It gave us the exact location of the bug with the full stack trace.
 - Implemented hot module reloading (HMR)
 - While developing in the frontend, we can reload the page automatically if any changes are made to the code. But this loads the full page again, fetches the required data again and only after this only we are able to see the changes we made. Using HMR (provided by webpack) the whole does not reload but the section we made the change to in the code only. This helps a lot while developing.
 - Implemented Flow, Styled components and PostCSS
- **Technologies Used**
 - React, Redux, AngularJS, Webpack, GraphQL, Flow type
 - Stylus, Styled components
 - Python, Django, DRF
 - Kubernetes, Docker, Travis, Jenkins (beginner)

Xtendify Technologies — Co-founder, CTO

MARCH 2013 - PRESENT

My brother and I started this company. We built many websites under this. I was responsible for the technical side of every website we built, that meant creating things from scratch. Below is the list of the websites that were built.

- **Xtendify Marketplace (deprecated)**

The idea behind the marketplace was that any developer/designer of any platform (like WordPress, Magento, etc) can sell their digital products like plugins, themes, icons, logos, etc in the same website. I was responsible for building the website from scratch.

- **Roles and responsibilities**

- Create two separate layouts for the marketplace, 1 for buyers and 1 for sellers.
- Integrate PayPal, Razorpay and 2checkout payment gateways.
- Use webpack to ease the process of development and deploy.

- **Technologies Used**

- PHP, YII (PHP framework)
- MySQL
- AngularJS, AngularJS Material, jQuery, Bootstrap
- Grunt

- **Themes Hound (deprecated)**

Themes Hound was built as a search engine for digital products like plugins, themes, icons, logos, etc where data is scraped from various sources selling those items. A user can get an instant response based on the query.

I was responsible for building the website from scratch.

- **Roles and responsibilities**

- Scrape data from websites selling digital products and update products when the same product is scrapped.
- Create a layout where users have multiple filters like a type of product like theme or plugin, price, platform, etc.

- **Technologies Used**

- Laravel
- MySQL, Algolia
- MaterializeCSS, jQuery
- Python, Scrapy

- **Instant Chat**

<https://instantchat.io/>

Instant Chat is a free chat web application used to create disposable chats. It is completely written in client side only.

I was responsible for building the website from scratch.

- **Roles and responsibilities**

- Create a serverless website.
- Use Firebase to give the users a real-time update.
- Write rules in Firebase so that we can put restrictions on which data can be accessed by which users.
- Create a simple layout for chatting and provide basic functionalities like creating a new chat, delete, reply to chat, share, etc.

- **Technologies Used**

- AngularJS, AngularJS Material.
- Firebase, AngularFire.

Encyclokidia, London — Frontend Developer

FEBRUARY 2017 - MAY 2017

<https://www.encyclokidia.com/>

Encyclokidia provided details about events for kids in London. You can search for events happening near your location, search by event type or postcode.

I was responsible for moving functionalities from old UI to new UI. By working in Encyclokidia I got the chance to improve my UI/UX skills. It was a telecommuting job.

- **Roles and Responsibilities**
 - The design was revamped when I joined. I converted the designs from Sketch to HTML and change old UI to new UI while making sure that things didn't break and the website was perfectly responsive.
- **Technologies Used**
 - AngularJS, HTML5
 - CSS3, Stylus, Sketch

Good Through Solutions, Bangalore — *Software Developer*

OCTOBER 2012 - FEBRUARY 2013

<http://goodthrough.com/>

Good Through Solutions was in its very early days when I joined.

I was responsible for creating an eCommerce website from scratch using Prestashop. I customized the whole shopping and selling GUI for best end-user and seller experience.

- **Roles and Responsibilities**
 - Create a multi vendor eCommerce website using the best available solution. I ended up choosing PrestaShop.
 - A vendor can fill their details and a shop will subdomain (eg, shopname.example.com) should be created automatically.
 - A vendor should be able to select zip codes/cities they want to deliver their products to.
- **Technologies Used**
 - MySQL
 - PHP, Smarty
 - HTML, CSS, Javascript

EDUCATION

KSIT, Bangalore — *Bachelor of Engineering (Computer Science & Engineering)*

2008 - 2012