



Kartik

SOFTWARE ENGINEER

PERSONAL DETAILS

Country

India

CONTACT DETAILS

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Other Links

[YouTube Talk on CSP](#)

[Chrome Extension \[Alter Videos\]](#)

[CVT \[Android Game\]](#)

[twitter](#)

github.com/9kartik

[webcomponents](#)

[npm](#)

behance.net/kanine

[stackoverflow](#)

[Computational Arts](#)

Professional Projects

Atlassian

Senior Associate Developer

2020 May-Present

Jira Service Management

Since it is a B2B I contribute to frontend development of features, all the factors like analytics, monitoring, testing and accessibility are considered while building the features. Along with those I also own the operational responsibilities. One example is when the TTI of our certain entry point pages was really slow, I improved it by 30% by making the server side frontend assets async. Another one is that I unblocked a then failing deployment build pipeline by limiting the core size to 80% which assured overconsumption of the CPU and also had further reduced the docker size from 20GB to 16GB.

Applying Frontend CSP

Enabled possible XSS(Cross Site Script) vulnerability reporting on our Opsgenie website via enabling Content Security Policy on Global Edge.

Targeted storybook components

The storybooks were breaking a lot of developer experience, one storybook build failure was causing the whole local build to fail, I fixed the storybook server to cater to custom stories so they could run isolated and also improved the build time by 80%

Cleartrip [Bengaluru, India]

UI Engineer

2017 May-2020 March

Site Revamp to React

Migrating our search results page from shtml and javascript to React. Bridging the backend and frontend gap. Mentoring the team through the business logic, so it could be implemented better on NodeJs and the UI layer.

Offer banner deployment optimisation

Reduced a one day deployment procedure to a 10min procedure utilizing the Amazon S3 buckets

Embedded Results

Existing expanded view was obstructive to the user, as users had to scroll through to see similar flights and combinations. Improved the UI to give the choice to pair flights. This caused a 3% increased customer traction on the Search Results Page.

Cross-sell: City Based Advertisement

Destination related activities and hotels suggestions on your flight ticket.

Unisys [Bengaluru, India]

Software Engineer

2014 August - 2017 May

Linesight [Border Security]

Risk analysis using machine learning and related entities. I built the interface using mainly AngularJS, utilizing directives to create a lot of reusable components. It involved user profile based access. Interacting with graph db for the related data and plotting it using keylines and AngularJS. Linesight mongodb aggregation setup [using RestHeart]: complex aggregations in mongodb like group flights by every x minutes

Transport Management System

Responsive UI development: Introduced searchable table headers in the website.

TEKSTRA TECHNOLOGIES

Android Developer Intern

2013 May - June

Wait For Me

The android camera app would wait for the number of faces to take a picture, good for a group photo!

Education

Manipal Institute of Technology (Udupi, Karnataka, India)

Bachelor of Engineering (BE)

2010 - 2014

Computer Science and Engineering

Skills

Front-end Web Design

Unit Testing: Jest, react-testing-library, Enzyme

End-to-end Testing: Cypress

GraphQL (relay)

Backbone JS

CSS

[mustacheJS](#) [lodash](#) [p5.js](#) [Ionic + AngularJS](#) [ReactJS](#) [enzyme](#)
[storybook](#) [Context API](#) [ramdajs](#) [Vanilla Javascript](#)