

ASHUTOSH SHARMA

WEB ENTHUSIAST

About Me

I am a web enthusiast. Interested in building high-performance web applications. Experience in setting processes and architecture to optimize app stability and dev experience.

My Work Experience

Housing.com | Engineering Manager Since Nov 2018

- Managing a team of **18 Junior and Senior Engineers** responsible for Housing demand-side application.
- Led the development of continuous delivery infrastructure to enable build, automation, deployment, and monitoring.
- Designed a monitoring system to perform real-user performance monitoring. This infrastructure helps housing.com to keep perfect track of performance per release.
- Responsible for **recruiting, training, and mentoring talented engineers.**
- Leading a company-wide initiative to enable failure injection using CDN.
- Responsible for prioritizing issues/product backlog, and facilitating innovation.
- Worked on the accuracy of experiment distribution and mutual exclusiveness.



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My Education

Masters in Technology

2014

NIT Calicut

My Skill

Programming



Frontend Architecture



Backend Architecture



Team Management



My Technologies

Expert - Node, JavaScript, HTML, CSS, React, Nginx

Knows - Java, MongoDB, Postgres

Past Companies

ZOHO, Goibibo, and Times Internet

Projects

MICRO-FRONTEND

Nodejs

React

AWS

Split a large monolith application into small isolated apps that can be executed and deployed separately. Used webpack module federation with custom solutions.

Result - No. of releases increased **3 times**.

FULL-PAGE CACHING

Nodejs

AWS

CWV

Cached SSR generated HTML pages. Implemented solution to invalidate the cache at AWS lambda with support of saving multiple versions of the same page in CloudFront cache.

Result - TTFB reduced by **30%**

SEO

HTML

React

SSR

Solved SEO related problems, resulting in an increase in **valid pages from 3 million to 22.7 million**.

DIFFERENTIAL LOADING

Nodejs

React

AWS

Limit the number of bytes sent to the browser by using the knowledge of features supported by the browser.

Result - Modern build of housing is **22% smaller** than legacy build

EXCHANGE REPORTER PLUS

C++

JAVA

JS

Developed a module that gathers and processes logs from Exchange Servers using ADSI. Using these logs different report gets created to help windows server administrators. Developed a framework for exporting sub-reports using JasperReports library.