

Javascript Engineer

TDD evangelist, FRP enthusiast

Tushar Mathur

www.tusharm.com

tusharmath@gmail.com

Education

B.E. Information Technology, Army Institute of Technology (Pune University) June 2006 — May 2010

Experience

Have worked through the Full Software Development Life Cycle of multiple projects. Adhered to Agile Software Development and Scrum, with transcontinental teams.

SDE III, Olacabs, ANI Technologies Pvt. Ltd., Bangalore	Aug 2015
Senior Software Engineer, Practo Technologies Pvt. Ltd., Bangalore	Jan 2014 — Aug 2015
Software Developer Applications, Z.S. Associates, Pune	Jan 2011 — Jan 2013
Trainee Technology, Sapient Consulting Pvt. Ltd. Bangalore	Jul 2010 — Dec 2010
Software Developer Intern, Indigo Architects, Pune	Aug 2009 — Oct 2009

Projects

<http://tusharm.com/projects.html>

Data Platform (Olacabs): Created a web based ETL + Visualization platform.

Search (Practo Tech.): Setup local and CI env for Test Driven Development and Acceptance Testing, maintaining a code coverage of over 98%. Re-architected the frontend JS code, enhancing modularity and enabling dependency injection. Improved perceived page load performance over edge connection by 60%.

Forecast Manager (ZS Associates): Refined the deployment process and improved its efficiency by 30%. Designed and developed core features of the application. Migrated the GUI to an MVVM based architecture. Optimized page load time by 40%.

User Experience Team (ZS Associates): Worked on harmonizing the user interface across the Javelin suite. Architected and implemented a publishing strategy for dynamic web layouts on a CDN.

ZS Data Integration Service (ZS Associates): Evaluated cloud based data integration tools such as Boomi and Pervasive, to integrate our in-house ETL tool — Javelin Data Manager with Salesforce. Designed and developed integration solutions. Trained the consulting team on Boomi Integration with in-house tools

Open source — Highlights

<https://github.com/tusharmath>

Chaining Tatum: A streamable interface, designed to make async tasks easier to manage.

Node IOC: An ES6 based dependency injection module, with container management, support for custom resolution, providers and cyclic dependency tracking.

Sheql : A CSS inspired, schemaless approach to schedule repeated & cyclic events beyond Google Calendar's capacity.

HTML Scraper: A high performance HTML scraper, to create data dumps by crawling websites as per user defined rules based on custom implementation of ES6 Promises.

Multithreaded Downloader: A library that uses Segmented File Transfer technology to enhance bandwidth utilization. Supports auto resuming downloads from the last transferred byte.

Funag: An experimental music player, to test the limits of a progressive web application.

React Announce: Library that encourages to create react components using a declarative approach via decorators. *Plugins include: fetch, connect, drag-drop.*

Reactive Storage: A streamable interface over immutables in Javascript.

Funjector: Dependency injection for functions.

Logistic Progressor: An infinitely progressing progressbar.

React Announce Fetch: A replayable and shared rx operator to optimize HTTP requests/responses.

React Render IF: A declarative approach to control react-component visibility.

Projects contributed to: wintersmith, step-gh-pages, gisto, react-announce

Skills

Programming: HTML, CSS, Javascript, CoffeeScript, Jade, LessCSS, Stylus, Node.js, AngularJS, BackboneJS, ExpressJS, Koa, React, RxJS, Lodash, React, Cycle, Rx.

Softwares: Git, Github, Travis-CI, Webstorm, Sublime Text.