

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 on multiple projects through the Full Software Development Life Cycle. Adhered to Agile Software Development and Scrum with transcontinental teams.

Insights Analyst, **Edcetera (Non-Profit)**, Bangalore

Aug 2013 — Current

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 — May 2010

Projects

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

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. Developed fluidic web layouts and customizable jQuery plugins that could be integrated into the application directly from the 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 for intra-communication of the Javelin Suite. Trained the consulting team on Boomi Integration with in-house tools.

Geocode Your Life — Undergraduate

Implemented a *K Means Clustering* algorithm to recommend friends and places according to one's profile, current location, places visited in the past and his social connections, all in Real Time. Worked extensively on aesthetics, cross browser compatibility and mobile/tablet portability.

Open source - Highlights

<https://github.com/tusharmath>

PNR Status: An OSX Application for Indian Railways that fetches PNR (*Passenger name record*) status and notifies the user when the berth is confirmed.

Html Scraper: A High Performance HTML Scraper to create data dumps by crawling websites as per user defined rules.

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

Super Cache: A cross platform utility that overrides server set caching policies on client side. *The extension has around 300 users.*

ShareBill: A web application to manage shared expenses, between people. Suggests minimum number of transfers required to clear balances, with offline support.

Angular Learn: A seed project, implementing complete workflows and best practices, for quickly bootstrapping Offline Web Applications.

Projects contributed to: wintersmith, step-gh-pages, gisto.

Skills

Programming: C#, C, HTML, CSS, Javascript, CoffeeScript, Jade, LessCSS, PowerShell.

Softwares: .Net, Git, Subversion, TeamCity, Node.js, Grunt.js, jQuery, Knockout.js, Visual Studio, Re-Sharper, Sublime Text, SQL Server, Boomi, Entity Framework, Windows, Mac OSX.

Achievements

- **First Prize** in the National Level Programming Contest at Bharati Vidyapeeth College of Engineering, Pune.
- Received Sponsorship from **Calsoft Inc.** for the under graduate project — **Geocode Your Life.**