

Tushar Mathur

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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.

Front-End Engineer, **Aplopio**, Bangalore

Dec 2013

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): Refined the deployment process, added upgrade diagnostic logs, improved its efficiency by 30%. Designed and developed core features. Optimized page load time by 40%.

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

Data Integration Service (ZS): Designed and prototyped data integration solutions for the Javelin Suite with Salesforce, using Boomi & Pervasive. Trained ZS Consultants on Boomi Integration.

Geocode Your Life (Undergraduate): Implemented a flavor of the K-means clustering algorithm to recommend friends and places to visit, according to one's profile and social connections. Worked extensively on aesthetics, cross browser compatibility and mobile portability.

Training & Volunteer Work

Sapient: Got hands on experience as a trainee, in real life delivery project with respect to the phases, roles, project processes and technical know how. Developed an E-Commerce application to showcase skills acquired.

Indigo Architects: Assisted on multiple projects as an intern, mastered web development skills for multi-tier, .net based applications.

Etcetera: Educated underprivileged children on acquiring knowledge through computers and internet. Responsible for giving a technical perspective to the NGO's business tasks.

Open Source — Jan 2013

<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 Google Chrome extension that overrides server set caching policies on client side. Has around 300 users currently.

ShareBill: A web application to manage shared expenses. Suggests minimum number of transfers required to clear balances. Supports HTML5 based offline access.

Web Offline Seed: A seed project, implementing complete workflows and best practices, for quickly bootstrapping HTML5 based offline Web Applications.

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

Skills

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

Softwares: Git, Subversion, TeamCity, Visual Studio, Re-Sharper, Sublime Text, SQL Server, Boomi.

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.