

EDUCATION

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|---|-----------------------------|
| University of Southern California MS in Computer Science (GPA 3.4/4.0) <i>Courses:</i> Advanced Big Data Analytics, Information retrieval & web search engines, Web Technologies | Los Angeles, CA May 2013 |
| Uttar Pradesh Technical University BS in Computer Science (Percentage 78/100) | Lucknow, India May 2008 |

PROFESSIONAL EXPERIENCE

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| Shutterfly Inc., San Francisco Bay Area, CA • Designed and developed RESTful API services at platform for Shutterfly brand of Digital Cards, enhanced backend services. • Integration of OMS of multiple Shutterfly brands. Developed a tool to mock sending fulfillment requests to Shutterfly fulfillers. | Software Engineer | Jul 2013 – Present |
| Demand Media, Santa Monica, CA • Developed a responsive design architecture for Answerbag.com targeting iPhone users adhering to MVC framework. | Software Engineering Intern | Jan 2013 – May 2013 |
| Shutterfly Inc., San Francisco Bay Area, CA • Developed web apps and reporting system in Order Management System using PHP, MySQL, JavaScript, MVC architecture • Performed Integration of Shutterfly with RightNow solutions using REST/SOAP API calls to automate CRM process • Collaborated with product managers to gather requirements and developed the business solutions for the existing system | Software Engineering Intern | May 2012 – Aug 2012 |
| USC, Los Angeles • Developed a news aggregator application which provides centralized interface to syndicate major USC news publications using Yahoo pipes API, RSS feeds, JS. App used Treemap visualization to publish apps in a tile based format. | Technical Lead & Web developer | Sept 2011 – May 2012 |
| Tata Consultancy Services, India • Contributed in Central Board of Direct Taxes project, developed, administered Income tax app/database using Oracle Forms with PL/SQL enabling app to scale for over 50 million users, deployed, tested, provided post production support & user training • Developed a module to synchronize the records of Indian Income Tax Users and a module for Delhi Excise Tax Department app • Deputed at Client location for System administration, Debugging, Maintenance, user support & client training | Senior Software Engineer | Nov 2008 – June 2011 |

PROJECTS

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| Sentimental analysis of Twitter data to create a probabilistic model (under Dr. Yan Liu) Developed a model to predict box office success of a movie by analyzing sentiments in tweets (<i>Research paper published</i> at the International Conference on Soft Computing and Software Engineering, San Francisco in March 2013) | Fall 2012 |
| Mini search engine for content extraction and crawling the Web (under Dr. Ellis Horowitz) • Created web app using Nutch to crawl and download contents from web and retrieve metadata from binary data stored in Hadoop file system. Tika parsers were used to extract text from this set of over 2500 PDF files and search for content in the dataset to index the PDF corpus in Solr. Displayed user query results on a heat map using Java Servlet and Leaflet Maps API | Spring 2012 |
| Spatial Database Tracker (under Dr. Shahriar Shamsian) • Created a Java application to perform range, location and point queries on a spatial database and display results on a Map | Spring 2012 |
| Tweet Flixster Movies (under Dr. Marco Papa) • Created an android app to retrieve movies from Flixster based on zip code and then posting them to Twitter using Twitter API • Developed backend in Perl which acquired data from Flixster website and implemented OAuth for Twitter to update user status | Fall 2011 |

TECHNICAL SKILLS

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| • Adept | : PHP, Java, JavaScript, C, My SQL, HTML/CSS, WordPress CMS, Oracle Forms/Reports (Oracle 10g) |
| • Experienced | : JS libraries, CSS Frameworks, UNIX, JSON, AJAX, C++, Perl, XML, XQuery, Android SDK, PL/SQL |
| • Software Packages | : Database management Tools, Eclipse, XAMPP, Apache Nutch/Solr, Tika, Web APIs, Visual Studio |
| • Others | : Bootstrap, Heroku, App Harbor, Github, SVN, YQL, Firebase, Agile product development, Smarty |

AWARDS & RECOGNITIONS

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| • Microsoft Most Valuable Professional Award for Windows Expert for four consecutive years | 2010 - 2013 |
| • Certificate of Appreciation from the Commissioner of Income Tax, India | Apr 2010 |
| • Bravery Certificate for helping the administration in a Multiplex fire Accident | Aug 2006 |

EXTRA CURRICULAR ACTIVITIES

- Participated and developed apps in Programming Hackathons at Yahoo, Microsoft, LinkedIn
- Developed Windows Phone 8/Windows 8 Apps and published them to Windows app store.
- Authored an eBook on Windows 7 which has over 500,000 downloads & an eBook on Microsoft Office 2010 suite
- Technology blogger at WindowsVJ.com with over 1000 articles and contributor at Microsoft Connect program