Milind Gokhale

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EDUCATION

Indiana University, Bloomington, IN, United States   Aug 2014 – May 2016
Master of Science in Computer Science | **GPA: 3.70/4.0**

Courses: Information Retrieval, Big Data, Algorithms Analysis and Design, Software Engineering, Advanced Operating Systems, Advanced Database Systems, Programming Language Principles, Machine Learning in Computational Linguistics, Mobile Computing

University of Pune, Pune, India   Aug 2005 – May 2009
Bachelor of Engineering in Computer Engineering | **GPA: 3.42/4.0**

TECHNICAL SKILLS

- **Programming Languages**: Java, C#, Apex programming, C, Scheme, Shell-Scripting, JavaScript, python
- **Web Dev**: .NET MVC, J2EE, web-services, REST, Visualforce, Lightning, AJAX, CSS, Bootstrap, JSON
- **Frameworks**: Spring MVC, Twitter-Bootstrap, Razor Charts, HighCharts, CAS auth, Salesforce.com
- **Tools**: GIT, Jira, Taiga.io, SOAPUI, (Agile) Scrum, Log4J, Weblogic, HP Quality Center, Excel

WORK EXPERIENCE

UITS - Indiana University Bloomington | Software Developer, Bloomington, IN   Feb 2015 – Present

Currently working on a unique solution to manage *SCCM machines* via a web page. Developing a functionality to enable users to get started and increase user enrollment of the division using *Microsoft Active directory services API*. Ported cold-fusion site for IU Print Services, improvised analytics dashboard and interactivity in the website which boosted the website traffic and performance. Developed several solutions using .NET MVC 3 and reports dashboard using HighCharts. – ls.iu.edu, print.iu.edu

Persistent Systems Inc | Software Engineering Intern, Dublin, OH   May 2015 – Aug 2015

Implemented complete shopping cart functionality using 2 triggers, 3 visualforce pages, Apex classes and custom salesforce objects. Learned and implemented the *AGILE* methodologies and processes in the *SCRUM* framework throughout the project. Communicated with the team and the remote client and managed the requirements in the role of product owner.

Amdocs | Senior Software Engineer, Pune, India   Jan 2010 – Aug 2014

Designed Content Charge and a complex Refund API for MetroPCS USA which increased revenues from content purchase transactions. Developed many java APIs and *Apache Axis* web-services while on-site to accomplish successful merger of Virgin subscribers with Sprint. During my on-site assignment for Telkomsel Indonesia I improvised mass-activation processes and implemented bulk-recharge jobs in prepaid solution which lead them to cross 100 million subscribers mark and achieve record breaking revenue via recharges.
Mentored a team of 5 developers in product know-how, Software development release cycle, company processes and version control.

PROJECTS [github.com/milindhg]

Search: Yelp Dataset Challenge   [Lucene | MongoDB | Google gson | Java | Stanford POS Tagger]   Fall 2015

Predicted business category based on customer reviews and tips in Yelp Dataset. Applied POS tagging to the search queries consisting of reviews and tips to successfully increase precision by 10% and recall by 13%. Carried out empirical analysis on the variation of prediction result count to get the optimum precision and recall in the output.

Salesforce: Restaurant Management   [Salesforce.com | Visualforce | Twitter-Bootstrap | JQuery]   Summer 2015

Built a system to allow easier management of restaurants with integrated features like order management, inventory management, reporting analytics and menu management which helped reduce the time-to-delivery and can be deployed across any type of chain.

Software Engineering: Aloha Social Net   [Spring MVC | MySQL | AJAX | CSS | HTML]   Spring 2015

Designed and implemented the end-to-end solution for Friends module consisting of features like friend requests, mutual friends, friend suggestions and dynamic search.

WSD: Word Sense Disambiguation - ML   [Stanford POS Tagger | TiMBL | SVM | Shell-Scripting]   Spring 2015

Word sense disambiguation on SENSEVAL-3 dataset using TiMBL (memory-based learning) to train and test the machine learner. With use of simple features like context words, word collocations, POS tags and keyword information, we achieved an average accuracy of 66.69%.

Design Patterns: Newspaper feed App   [Design Patterns | Spring MVC | AJAX | JQuery | MySQL]   Spring 2015

Implemented an interactive News feed application to manage editorial feeds using design patterns – Decorator, Factory, Proxy and Singleton.

Website: ls.iu.edu   [.NET MVC | JQuery | bootstrap | MS SQL | Highcharts | CAS auth]   Ongoing

Designed and implemented leveraged services portal for UITS encompassing several services and solutions across 7 IU campuses.

HONORS AND AWARDS

- Selected from amongst all masters students in Indiana University Bloomington to attend highly acclaimed **Velocity Conference** 2016.
- Microsoft: Awarded first position by Microsoft for **Best Project** at Microsoft Azure Cloud Competition 2009-10.