

Sheetal Umesh Kumar

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Work Experience

Interactive Partners, New York City, NY

May 2011 - current

Software Engineer

Assorted front-end and back-end engineer for various Ruby on Rails projects.

Enter: New media, New York City, NY

Dec 2010 - Apr 2011

Software Engineer

Worked on a reporting and analytics system using Lift+Scala+MongoDB, to provide reporting features for clients and partner companies.

Children's Progress, New York City, NY

Jan 2009 - Dec 2010

Software Engineer

Developed majority of the user interface code including views, controllers(of MVC), JS and CSS for a web 2.0 admissions assessment application implemented in PHP.

Lead developer for an award winning customer support application in PHP, used to manage 200,000 users. Designed the interface with input from the customer support team and implemented the views and controllers(of MVC).

Created features using PHP in an interactive reporting application used by teachers and administrators. Fixed browser compatibility issues to meet Yahoo Grade A browser standards.

Ported a desktop assessment application to run on the web using XULRunner.

University of Texas at Dallas, Dallas, TX

Sep 2006 - Jul 2007

Research Assistant, Human language Technology Center

Developed a web crawler to search science journals for manuscripts/abstracts containing search terms using Java. Conducted research on various topics in Bioinformatics including text mining to study protein-protein interaction by sequence pattern.

Infosys Technologies Ltd, Bangalore, India

Jul 2005 - Jul 2006

Software Engineer

Created various components for an existing middleware system used by beyondPetroleum using Java and Vitria.

Prototyped a security portal for Bank of America using JS, HTML/CSS

Skills

- **Languages/DBs:** Php, Scala, Ruby, Java, C, Javascript(+Ajax), MongoDB, MySQL, HTML/CSS
- **Frameworks/Libraries:** Lift, Rails, CakePHP, JQuery, LessCSS
- **Tools/Misc:** Emacs, Bash, Git, Mercurial, SVN, SBT, Maven, Jira, Mantis, FogBugz, TestRail, Firebug \LaTeX
- **OS:** Linux, Mac

Education

Academic projects

- A web server with the PIC 16F84 chip
- A floppy sized distribution of Linux
- various Database management systems
- OS mutual exclusions and recovery protocols

Master of Science, Computer Science

Dec 2008

University of Texas at Dallas

Dallas, TX

Bachelor of Engineering, Computer Science

Aug 2005

Vishweshwariah Technological university

Mysore, India

Etc

<http://about.me/sheetaluk>

<http://sheetaluk.blogspot.com>

<http://github.com/sheetaluk>