

Kunal P Ghogale

- 189 Claremont Avenue, Apartment 55, New York, NY – 10027
- kpg2108@columbia.edu • 347-355-4794 • http://www.columbia.edu/~kpg2108

Education

Columbia University Fu Foundation School of Engineering and Applied Sciences

MS in Computer Science

GPA 3.5 /4.0

New York, NY
Expected Dec '12

Mumbai University

BE in Information Technology

GPA 3.75 /4.0

Mumbai, India
August 2009

Relevant Coursework

- C, C++ and Data Structures
- Java
- Database Management Systems
- Software Systems and Compilers
- Analysis of Algorithms
- Cloud Computing
- Computer Networks
- Transformation / Cloud Computing

Professional Experience

Mastek Ltd (April 2010 – July 2011)

Mumbai, India

Software Engineer

- Based on agile life cycle, delivered core deliverables with ambitious deadlines for Microsoft Finance team.
- Built a system to exploit SQL's MDS web service to create database objects without human interaction.
- Optimized system to produce results 200 times faster while reading data from input files using C#.

Sterling Infosystems (July 2009 – April 2010)

Mumbai, India

Associate Software Developer

- Used XML for data transfer between different systems and XSLTs for data transformation.
- Developed a standard for data transfer within organization for parity between systems.
- Used java and SQL to maintain system for employee background verification.

Project Experience

Software Decoys with Beacon

Columbia University Fall 2011

- Developed *beacons* to send back data to host server with information about attacker.
- Preventing software theft using *code obfuscation*.
- Embed beacons in *readme* and *javadoc* files of projects.

Where's my Droid?

Columbia University Fall 2011

- Developed *Android* phone software that would continuously transmit phone location to server.
- Authorized users will be able to track phone location with the app being installed in *Google App Engine*.
- User could back up data on *cloud* or restore data from cloud on to cell phone.

Cloud Auto-Switch Off

Columbia University Fall 2011

- Developed application on *Amazon Web Services* using *Java*.
- Switched off virtual machines on *Amazon EC2* automatically in case usage fell below certain level.
- *Restarted automatically* based on time and login credentials.

College Management Information System

Mumbai University 2009

- Used *Java* and *Javascript* for front end and *SQL* database for backend.
- Integration of all departments of college under an *automated system*.
- Was implemented in *beta* stage in the college.

Technical Skills

- Programming Languages C, C++, Java, C#, Python
- Web Technologies HTML, javascript, XML, XSL, JSP, EJB, Silverlight
- Servers Apache Tomcat, IIS
- Platforms J2EE, .Net, Microsoft WFF
- IDE Eclipse, NetBeans, Visual Studio
- Databases SQL, T-SQL, Access, MySql
- Repositories SVN, Visual Studio Source Safe
- Design UML
- Mobile Technology Android

Activities

Advertising Volunteer, IEEE College Fest, SIES GST

August 2005 – August 2006

Event Co-ordinator, Computer Gaming, IEEE College Fest, SIES GST

August 2007 – December 2007

On-Campus Placement Volunteer, SIES GST

March 2008 – August 2009

