

Manpreet Singh Bhurji

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Objective

To contribute strong interpersonal, problem solving, creative & technical skills and experience in the capacity of a software developer

Experience

Cerner Corporation

June'12 – Present

- Developed a crawler to read from an SQL based database (Oracle) to HBase
- Implemented 'bolts' in the Storm framework for real-time batch processing
- Created XML bindings using JAXB for report charting purposes in Scala
- Programmed a web based tool for reporting failures occurring while data processing with Spark and Sinatra
- Developed a RPC service to transform and serve data
- Built bot scripts in CoffeeScript for automating daily tasks for the team as a personal initiative
- Debug and resolve issues in environments throughout the stack from development to production.
- Implemented unit and functional tests using frameworks such as JUnit, JBehave, ScalaTests and in native Groovy and perform continuous integration using Jenkins

Zignage LLC

Nov'10 – May'11 & Aug'11 – Mar'12

- Involved in the development on the full stack of various content management and digital signage systems
- Developed feature rich front-end with object oriented JavaScript, jQuery, AJAX and creative HTML/CSS
- Created back-end using Python based frameworks like Django using Piston, South, Memcached, Celery, RabbitMQ, MySQL and Grok on a Linux based system

Networked Organisms

May'11 – Aug'11

- Built and improved new and existing features, from conception to delivery, using Google App Engine (Python), Memcached, jQuery, AJAX, MapReduce, Mustache, etc. on www.projectnoah.org

Education

Polytechnic Institute of New York University

Sept'10 – May'12

Master of Science in Computer Science with GPA of 3.556

University of Mumbai

Aug'06 – Sept'10

Bachelor of Engineering in Computer Engineering

Skills

Programming Languages: Java, Scala, Python, JavaScript, HTML/CSS, Groovy, Ruby, CoffeeScript (academic – C, Objective C, C++, PHP)

Technologies: Storm, Hadoop & HBase, JAXB, jQuery, Django, GAE, JSON/XML, OpenCV, MySQL, W/LAMP, Git, SVN, Maven, IntelliJ IDEA, Eclipse

Projects

WineFind [iPhone App], Version Control System [Java], HeadMouse [Face tracking replacement for a mouse pointer – Python]