Darshan Karia

Indiranagar
Bangalore
Karnataka 560038

(886) 166-2623
http://darshankaria.com
darshan.karia@live.com

Objective

Seeking a Full-time position as a Software Engineer.

Education

MS (Computer Science), San José State University, San Jose, CA, USA

Duration: August 2009 - May 2012   GPA: 3.63

BE (Computer Engineering), Saurashtra University, Rajkot, Gujarat, India.

Duration: June 2004 - May 2008   GPA: 3.61

Technical Skills

Programming Languages: Java, PHP, HTML, JavaScript, XML, SVG, Android Programming, SQL, C
Database Systems: Oracle 9i, MySQL, SQLite, DB2
Operating Systems: Windows, UNIX
Applications and IDEs: Eclipse, Dreamweaver, StarUML, MS Office, Adobe Photoshop
MISC: AJAX, Object Oriented Designing, CSS, XSLT

Work Experience

Software Developer

Place: IBM, Bangalore, Karnataka, India

Duration: 01/2014 – present

- BigInsights – This is one of the IBM products used in conjunction with open source BigData technology. It has various analytics capabilities like text analytics, Social Data Analytics Accelerator, Machine Data Analytics Accelerator, Enterprise performance and integration. I am working on back-end for installer component for this project.

Software Developer

Place: IBM, Princeton, NJ, USA

Duration: 05/2012 – 01/2014

- Optim Designer – This is one of the IBM products from Optim portfolio. It is used for performing management, archival and various other tasks of database. I am working on User Interface development with required backend support for the user interfaces.

Engineering Tools Intern

Place: Ericson Inc., San Jose, CA, USA

Duration: 08/2011 – 12/2011

- JIRA – Designed workflow for ticketing system in commercial tool JIRA, developed plugins using their SDK in Java as required supporting the workflow of Ericsson Issue Tracking.
- Shortlist – This is an internal tool designed to work with existing issue tracking system and shortlisting API developed by core team. It provides UI to update shortlisting queue of issues based on group of issues. UI and existing features for one module and add new features to existing tool using CakePHP.

Java Developer

Place: DevIndia Infoway, Rajkot, Gujarat, India

Duration: 06/2008 - 05/2009

- Designed, Developed and Tested Various Java based Applications. Also tested some mobile applications developed by other team.

Project Trainee

Place: Tata Consultancy Services, Gandhinagar, Gujarat, India

Duration: 01/2008 - 05/2008

- Medical Bill Reimbursement System & Leave Application – These modules were part of IWDMS (Integrated Workflow & Documents Management System) for Gujarat (India) Parliament. This system manages respective entities, Medical Bill Reimbursement and Leave Application of parliament employees, and also has hierarchical approval process of same. It uses various J2EE technologies like JSP, Servlet, EJB; web technologies like HTML, JavaScript; and Oracle 10g as database.

Projects

San Jose State University

- *FullText Indexing for Heritrix* – This is my master's project where I am working on indexing for archives generated using Open Source Web Crawler Heritrix. It focuses on creating inverted index, computing BM25F Page Rank and retrieval of the data from the index using web-based UI. It is mainly done using Java technologies. (Ongoing)
- *Pods* – This project focuses on creating a component-container framework that is conceptually similar to eclipse. The container can contain many components and the component requiring service can get one from a component providing the required service. It uses Java Reflections in order to determine the services each component is providing. It also uses various design patterns to understand usage of them in real time projects. It uses Java Swing for GUI. Team size: 2
- *Light Rail Simulation* – This application was developed to test the knowledge of SVG acquired during the coursework. It demonstrates basic animation using SVG, where light rail is represented by a DOT and it moves on the map in scaled time from the actual schedule. It uses SVG, SVG Plugin of JQuery, and JavaScript for designing the GUI while PHP to grab the schedule from VTA web-site and generating XML based schedule ready to use by SVG application.
- *Others* – Software Reverse Engineering (debuggers and disassemblers like OLLYDBG and IDA PRO), Breaking Enigma Cipher (C Programming), SJSU Navigator (Android App).

Saurashtra University

- *All India School Education Survey* (The Great Mind Challenge 2007 by IBM) – This application provides a form to collect various statistical information about school. It also provides an admin search interface which can search based on various configurable parameters. It uses JSP for back end and html and JavaScript for front end. Team size: 2
- *Chat Application* – This is a LAN based Chat application developed in java. It uses socket programming for network communication and Java Swing for GUI. Team size: 3
- *Others* – Remote Login (Java, RMI), Car Parking System (VB)

Other Activities

- **Desktop Support Assistant –** San Jose State University (01/2011 – 08/2011)
- **Computer Science Tutor –** San Jose State University (09/2010 – 12/2010)
- Participated and presented an *Android application* in **Neat Ideas Fair**.
- Participated and won **Project Completion Certificate** in **The Great Mind Challenge 2007**.
- **Hobbies** – Photography, Table Tennis, Chess, Video Games.