Vishal Shah

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OBJECTIVE

Seeking challenging software development Summer Intern positions with a strong emphasis on Java and Big Data Technologies where I could utilize my technical expertise and experience and prove an invaluable asset to the organization.

EDUCATION

Master of Science in Computer Science and Engineering   May 2017
University Of South Carolina; College of Engineering and Computing   Columbia, SC, US
Current GPA: **3.33/4**

Bachelor of Engineering in Information Technology   May 2015
Devi Ahilya Vishwavidyalaya; Institute Of Engineering and Technology   Indore, MP, India
Overall GPA: **3.80/4**

WORK EXPERIENCE

Graduate Research Assistant   (Feb 2016 – Present)
University Of South Carolina   Columbia, SC, US
- Assisting the team of Dr. Xiaoming Li, Dr. Shan Qiao and Dr. Amir Karami in developing an automated tool to perform literature review on research articles using Topic Modeling approach in Text Mining.
- Designed Web Crawler using Java to fetch articles from PubMed, CINAHL & ERIC medical databases, parse the relevant information and store the information in Text files, Documents and Spreadsheets.

Hadoop Developer Intern   (Feb 2015 – April 2015)
Mukta Infotech   Indore, MP, India
- Developed a scalable Music Recommender System using Hadoop, HBase by employing Collaborative Filtering Technique for recommending music to the users.
- Programmed multiple and multilevel MapReduce programs using Java to parse voluminous 12 GB Yahoo Music Dataset, and store the refined data in HBase.

PROJECT EXPERIENCE

Location Based Sentiment Analysis on live Twitter Streams   (Dec 2015 – Present)
- Currently working on a Real Time Data Stream Processing system using Apache Storm and python NLTK API.
- Filtered Tweets containing location details and created indexes in Cassandra for fast data retrieval.

Weblog Analyzer and User Web Access Prediction System   (Aug 2014 – May 2015)
- Created Web Application using Java J2EE and Hadoop Framework to utilize proxy server logs for analytical purposes.
- Analyzed proxy server logs to obtain user specific web access patterns and predict next page to be accessed.

Library Management System   (Dec 2013 – April 2014)
- Developed a fault tolerant and robust software system using JAVA Swing Framework for Shree Agrasen Vidyalaya.
- Facilitated the automation & systematized the data management by reducing the clerical data entry tasks.

Exam Remuneration System   (Oct 2013 – Nov 2013)
- Implemented a web application using JAVA Servlet and JSP that manages the data of the Examination Department.
- Designed a system which incorporates CIA features and allows different type of user accesses and session maintenance.

TECHNICAL SKILLS

- **Programming Languages**: Java, SQL, C, C++, Python, VB.Net, HTML, basic JavaScript;
- **Operating Systems**: Windows XP/7/8, Linux, Android;
- **Frameworks:** Apache Hadoop, Apache Storm, Java J2SE, Java J2EE, Twitter Bootstrap;
- **Databases:** MySQL Server, Microsoft Access, HBase, Cassandra, CouchBase;
- **Tools and IDEs:** Eclipse, Netbeans IDE, Visual Studio, Spyder, MySQL Workbench, Web Page Maker;
- **Software and Solutions:** Maven, Jetty, Tomcat Server, Star UML, Microsoft Office, Virtual Box, VMPlayer;

ACHIEVEMENTS

- Recipient of Graduate Fellowship covering 50% of tuition fees at University of South Carolina.
- Secured 2,345 rank out of 115,425 participants that appeared for GATE-2015 Examination.
- Received 2 scholarships for securing a rank amongst top 1 percentile students in 12th Board exams.

ACTIVITIES

University of South Carolina   Columbia, SC, USA
- Technology Committee Co-Chair at Business Analytics club.   (Oct 2015 – Present)

Devi Ahilya Vishwavidyalaya   Indore, MP, India
- Software Developer at IET- Innovation Implementation and Incubation Center.   (Jan 2014 – May 2015)