Tariq K

CONTACT INFORMATION

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AREAS OF INTEREST

Data Structures, Object Oriented Programming, Computer Networks

EDUCATION

SNS College of Technology, Coimbatore
Bachelor in Computer Science and Engineering: August 2008 - April 2012
Anna University, Chennai
Overall GPA: 8.5/10

SKILL SET

- Programming Language: Java(proficient), C(strong), Python, Perl
- Database: MySQL, Oracle, Sybase
- Frameworks: Struts, Spring, Hibernate
- Developer Tools: Eclipse, Git, Subversion, Perforce, Toad, Vim, Notepad++
- Others: Linux, Bash, PHP, TCP/IP, HTTP, FTP, SSL/TLS
- Good analytical and problem solving skill

PROFESSIONAL EXPERIENCE

- **HCL Technologies, Chennai, India**
  Software Engineer   *Jul 2013 - Present*
  - Develop and maintain application program on Linux using Java and related tools
  - Follow Agile Scrum methodologies and good at estimates
  - Emphasize best practices among the team

PROJECTS

- **Cisco Service Control Management Suite Collection Manager**
  HCL Technologies, Chennai, India   *Jul 2013 - Feb 2015*

  Service Control Engine (SCE) is a Deep Packet Inspection (DPI) solution that performs classification and control of application level IP traffic of subscribers. The Collection Manager is a component of Service Control solution that takes care of collecting the information from SCE for the purpose of analysis/billing

  Notable Achievements
  - Improved the Tethering Detection accuracy by 54% by optimizing the regular expression based on manual analysis of User-Agent strings
  - Improved the processing rate by 36% by optimizing the Task submission using a buffer

Relevant technologies: Java | MySQL | Linux | Oracle | Eclipse | Bash | Perforce | Apache Velocity

A public link is available *here*

- **Cisco Network Profile**
  HCL Technologies, Chennai, India *Mar 2015 - Present*

  Network Profile is a Network Inventory and Configuration analyzer that allows Network Control Engineers to view and maintain their network in a centralized location and to collaborate between themselves

  Relevant technologies: Java | Perl | Linux | Hibernate | Eclipse | Bash | Struts | Tomcat | Apache HTTP server | JAXB | Spring-bean

  A public link is available *here*

SMALL SCALE SOFTWARE UNDERTAKINGS

- Implemented *Community-Based Preference-Aware Location Recommendation System*. When a user performs check-in a location, It recommends him/her locations that he/she would potentially likes to visit. Recommendations are based on interests of the user or people with similar interest.

- Implemented *Decision Tree-based Missing Value Imputation (DMI)* Algorithm. It imputes missing values in a data set using Decision tree to make it complete; such complete data set would then be used for Data Mining.

- Developed *Quiz Master*, an interactive application to conduct quiz-alike competition to a number of candidates at a time. It includes randomization of question sample to avoid delivery of questions in the same order for each candidate. It also features necessary settings such as time limit, number of questions etc.
  Available at `http://github.com/csetariq/quizmaster`

- Developed *GPA Calculator*, a web-based application to calculate Grade Point Average of Semester results.
  Available at `http://visitme.heliohost.org`

- Developed an *SMS based BMI Calculator*. This application is developed on txtweb platform. It allows mobile users to know their BMI through an SMS.
  Available at `http://www.txtweb.com/apps/idealbmi`

- My public repository can be viewed at `https://github.com/csetariq`

TECHNICAL ABILITIES

- Apart from the described undertakings, I love solving programming problems. My public profile can be viewed at `https://www.hackerearth.com/users/csetariq`

- I also have interest in writing programs for little utility tasks and enjoy solving such problems

- I have passion for learning new things, LaTeX is my recent encounter

PERSONAL PROFILE

Father's Name	: A G Kamardeen
Date of birth	: 3 July 1991
Gender	: Male
Nationality	: Indian
Languages known	: English, Tamil