Charchit Gupta

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About Me

I am a computer programmer looking for a job in tech-industry that utilizes my coding and problem solving skills while allowing me to expand my knowledge and exposure in the industry. I am good at making elegant web UI having responsive and cross-browser support. Big fan of open-source concept hence prefer Java over other technologies.

In my leisure time I like to do sketching, play computer games or hangout with friends.

To view my interactive resume, please visit http://seijee.github.io

Experience and Achievements

- Currently working as Application Developer in Tata Consultancy Services.
- Developed **Crime Analysis Software Application** for Madhya Pradesh Police Department.
- Stood **12th** in National level coding contest '**Amdocs Code Mania 2013**'.
- **Microsoft Student Partner** for the year 2013-14, volunteered in **DevApp**, event organized by Microsoft.
- Interned at Pragmatum Pvt. Ltd., New Delhi.
- Attended the **MSP Boot camp** by Microsoft at Lonavala.

Education

- 2014 – B.E. (Computer Science) – RGTU   [63%]
- 2010 – 12th (Sr. Secondary)   – CBSE Board   [70%]
- 2008 – 10th (Secondary)   – CBSE Board   [75.8%]

Skills

- OOP, Data Structures
- C++, PHP, JAVA, J2EE, Spring, Hibernate
- HTML5, CSS3, JS, AJAX, jQuery, AngularJS
- Quick Learner of Programming language

Links

- Interactive Resume : http://seijee.github.io
- LinkedIn Profile: http://in.linkedin.com/in/charchitgupta
- GitHub Profile: https://github.com/seijee

Relevant Projects

- **Crime Analysis Software for CID [Web Application]:** (http://cid.mppolice.gov.in/crime_analysis) Developed and deployed an online system to categorize FIR of various crimes lodged all over the province to generate reports, graphs and statistical data. This project is being used by Madhya Pradesh Police Department. 3.5 lac FIRs had been lodged till date. Technologies used:
  - JQuery, JavaScript, AJAX
  - MySQL
  - Google Charts API
  - SSH and SF

- **Movie-On-Moods [Web Application]:** Application takes a movie title and finds out the suitable Poster, Description, lowest priced DVD and Amazon Instant Video for that movie by searching from Amazon and Rotten Tomatoes. Front end used SVG graphics dynamically generated by JavaScript to display hexagonal links. Technology used...
    o J2EE / Hibernate
    o Amazon's PAAPI (Product Advertisement API)
    o Amazon's EC2 service
    o JavaScript / AJAX
- **Rang Dey Zindagi [Website]**: developed the website for "Rang Dey Zindagi" (http://rdz.org.in) a local NGO that works for less privileged students. Volunteered and tried to support the cause by providing it a means to enhance its reach.
- **Pragya Sagar Institute [Web-Site]:** http://www.pragyasagar.ac.in,

More Projects

- **Managed Accounts List:** A web application that works under close integration with Microsoft's CRM, Microsoft Sales Management and Microsoft's Data Operations System. The application is responsible for managing Microsoft's huge sales and accounting dat. Allowing users to perform various update tasks on this data while keeping the data in sync with external systems.
    My contribution:
    o Implemented multithreaded search for querying multiple servers at once. This enabled the search operation that took ~60-70 seconds to be completed in < 15 seconds.
        ▪ JAVA, MSSQL
    o Developed MAL Discrepancy Analyzer: A tool that compares data from 3 different systems consisting of many servers, for given coma separated accounts and shows discrepancies in any of the data fields and generate Excel report for the same. Saving hours of manual efforts of my team.
        ▪ JAVA, MSSQL
- **Win8 app:** A 2-D game App, in which user has to hit the bulls-eye with an arrow. Arrow simulates the projectile motion making the goal difficult to achieve. Implemented collision detection in the game-app using JavaScript, was fully touch interactive.
- And more…

Academic Projects

- **Online Picture Manager:** user could upload images share them with others, view images shared to him. Submitted as minor project in college, developed an API for client side image compression by JavaScript. Application also had polling based chat feature. Technologies used...
    o PHP, MySQL
    o JQuery, AJAX
- **Campus-Surveillance:** (https://github.com/seijee/campusSurveillance), an online system that helps in administration of the Educational Institute by providing integrity among various departments such as Library, Accounts, Academics and Cultural department. The system provided a platform where user could create an online community from a subset of users he is already connected with. System also allowed authorized users to bulk upload new records (Student details) via excel sheet. Application had fully responsive design and could be used screens of any size. Used…
    o J2EE / Hibernate
    o HTML, JS, AJAX
    o MySQL
- **CPU Job Scheduling Simulator:** Graphical simulator for various CPU scheduling algorithms, custom CPU speeds, multiple view modes such as FCFS, Round Robin and SRTF etc.
- **College tech-fest:** developed the website for tech-fest (Moonstone).