

Rajul Kukreja

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WORK EXPERIENCE

Software Developer	Cleartrip.com	Sep 2015 – Present
<ul style="list-style-type: none">➤ Working as Java Backend developer in Hotels team.➤ Developed a mechanism to track all traffic source to Cleartrip hotels whether it is Tripadvisor, trivago or GoogleSeo, etc.➤ Developed an API, UI for updating separate hotel sort order for IOS, Android, etc. and store them in redis and database.➤ Developed complete API for Wishlist hotels per user for mobile applications.		
Software Engineer	Wipro Technologies	July 2014 –Sep 2015
Custom Development <ul style="list-style-type: none">➤ Part of the AMS team, responsible for customizing the Oracle ERP system for Avago Technologies.➤ Working in Finance (Technical) and BPEL (SOA) team for creating concurrent programs for automating the system.➤ Developed a windows tool in C# that calculates the missing files at server end and triggers automatic mail to client which reduces manual work of support team.➤ Worked in OAF Team for 1 month for fixing bugs and enhancements in backend java code.		

LANGUAGES AND TECHNOLOGIES

- Languages: Java ; C ; C++ ; C# ; PHP ; HTML/CSS
- Frameworks: SpringMVC
- Cache : Redis , Memcache
- Tools: Visual Studio; Eclipse; Java Netbeans.
- Database: Oracle, My SQL, MongoDB.

EDUCATION

Noida, UP	Jaypee Institute of Information Technology	July 2010 – June 2014
B. Tech. in Computer Science Engineering.		CGPA: 7.7/10.0.
Kaithal, Haryana	O.S.D.A.V Public School, Kaithal	April 1996 – March 2010
12 th	Standard: C.B.S.E. - (2010).	Percentage : 71.4%
10 Th	Standard: C.B.S.E. - (2008).	Percentage : 91.4%

TECHNICAL EXPERIENCE

Research Projects

Community Based Recommendation System using Hypergraphs.

Jan 2014 – May 2014

- Worked on building a Web Application which extracts user's interests from Facebook and recommends by generating hypergraphs (cluster) generated from users' interests.
- Local community detection method is used to find the users with similar interests and tastes. We use local modularity as a measure of the goodness of the clusters.

Important features: Profile analysis, Hypergraph generation.

Video conferencing over LAN (Video Chat, Text group chat, Audio Chat)

Jan 2013 – May 2013

- Developed a complete multi group text chat, voice chat and screen sharing, video conferencing under a single window over LAN. This project idea is similar to Google Video Hangout.
- Implemented multi-threading networking using TCP and UDP packets in C#.

Efficient Data Aggregation approaches over Wireless Sensor Networks (WSN) Sep 2013 – Dec 2013

- Developed a virtual wireless sensor network using Arduino modules and temperature sensors and implemented a temperature prediction online tool.
- Designed C# modules for storing all data gathered from sensors to Azure Cloud Database. Cloud application which uses various algorithms of classification and clustering to get an optimum result from huge bunch of data.

Other Projects:

- **Go Green Website:** A dynamic green blogging website.
- **E-PE:** Job personality and education mining based Job advisory system.

ADDITIONAL EXPERIENCE AND AWARDS

- Won special recognition award in Cleartrip Hackathon 2015 for project on Free Marketing on Twitter.
- Won 3rd Prize in Wipro Freshers Training program.
- Won 1st prize in Android Contest held in IIIT. (Best Android Application Selected).

RESEARCH PUBLICATION

- Rajul Kukreja, Pritee Parwekar, "Efficient Data Aggregation approaches over Cloud in Wireless Sensor Networks(WSN)", 49th Annual Convention of Computer Society of India (CSI-2014):Springer-Advances in Intelligent Systems and Computing Vol.338,ISBN No:978-3-319-13730-8,Page(s):229-238
- International Journal of Interactive Multimedia and Artificial Intelligence, September 2014 Vol-II Number 7. http://www.ijimai.org/JOURNAL/sites/default/files/journals/IJIMAI20142_7.pdf, Page-30,Rajul Kukreja

Certifications

Cleared Oracle-Z0-051 Oracle Database 11g – SQL Fundamentals.