

RALSTON RATIN KUMAR. R

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EDUCATION

National University of Singapore

Master of Computing (Computer Science) CGPA - 3.5/5

Jan'14 – Feb'15

Coursework: Web Security, Cloud Computing, Business Intelligence Systems. Modelling and Simulation, Distributed Databases, Theoretical Foundations of Multimedia, Information Security Policy, Systems Security.

B.S.A Crescent Engineering College (Anna University)

Bachelor of Technology (Information Technology)

Aug'07 – May'11

First Class with Distinction -85%

PROGRAMMING SKILLS

- ❑ Programming : J2EE, Python, C++, Basics of Shell scripting,
- ❑ Web Technologies: Spring MVC, Python Django, HTML5/CSS3, JavaScript, jQuery, REST.
- ❑ Databases: Oracle, MySQL.
- ❑ Tools and Framework: Eclipse IDE, IntelliJ Idea, JUnit, Maven, JVisualVM, Bootstrap.
- ❑ Versioning tools: Git , SVN

WORK EXPERIENCE

Software Engineer Consultant (Research)

Fuji Xerox, Singapore

Meteorite Informatics Pte.Ltd

April '15 –Present

J2EE, Solr Search, NLP, JavaScript, HTML/CSS

AutoAnswer:

- ❑ Involved in development of machine learning application to categorize queries based on the historical classification using mahout, liblinear libraries.
- ❑ Developed modules for English and Japanese text normalization and tokenization, handling CSV data, encoding and data conversion for machine learning libraries to predict the results, given a generated model.
- ❑ Performance tuning for the modules using multi-threading and batch processing to reduce the time and space consumption. Used java visualvm profiler for monitoring the performance.

NLGuide:

- ❑ Currently involved in developing a full text search system to convert natural language to query language in java using NLP and Solr Search.

Web developer Intern

CoAssets Pvt. Limited, Singapore

May '14 –Jul '14

Python Django, Bootstrap, Ajax, JQuery, JavaScript, HTML/CSS

- ❑ Developed website on Python Django Framework (www.coassets.com) platform for real estate crowd funding by following Agile Software Development Methodology.
- ❑ Responsible for creating User, Company profile pages and social networking for the platform users.
- ❑ Implemented features like recommended products, recommended news using scoring mechanism based on the user's history and usage patterns

Systems Engineer

Infosys Limited, India

Oct '11 –Dec'13

J2EE, Spring MVC, HTML/CSS, Hybris, Ajax, JQuery, JavaScript,

- ❑ Responsible for shopping cart and check out functionality of an Ecommerce site which involved Java Spring MVC. JSP, JSF, ORM Mappings. Introduced anonymous/Guest checkout, Email Cart functionality.
- ❑ Worked on the Order Confirmation functionality which involved data processing and PDF manipulations to send customized email with billing report once the order is confirmed.
- ❑ Added GLS as a delivery option in checkout flow to display nearby stores based on the postal code entered using GLS Web Service and used "Australian Post" RESTful web service to validate the address of the user.
- ❑ Also involved in design and development of dynamic web components, UI and web templates.

- ❑ Compliance Anchor-Additional responsibility which involved handling the whole offshore development center of Chennai DC for an US Major HealthCare Client for its security compliance related activities.

Systems Engineer Trainee

Jun'11 – Oct'11

Enterprise Java Trainee (CGPA: 4.71/5)

- ❑ Hands-on Training on core concepts of Object Oriented Programming, RDBMS, Data Structures, Software Engineering and Core and Enterprise java, needed to expertise in the production development.

ACHIEVEMENTS AND AWARDS

- ❑ Department First Rank for the B-Tech Information Technology batch (2007-2011).
- ❑ Awarded Star Certified Infosys for successfully completing Leadership and Soft skills training offered by Infosys Leadership Institute.
- ❑ Anna University Rank holder.

CERTIFICATION

Microsoft Certified Programmer in HTML5 with JavaScript and CSS3.

PUBLICATIONS

Augmented Reality and Sixth Sense Based Artificial Speaking Aid for the Mute

(JOURNAL OF APPLIED GLOBAL RESEARCH (JAGR), VOLUME 6, ISSUE 17 (SUMMER 2013).)

ACTIVITIES

- ❑ Qualified and participated in Singapore Facebook Hackathon -2014 Competition.
- ❑ Active member of Intellect Base Consortium (IIC).
- ❑ Conducted Infosys SPARK Session for about 600 engineering students on the topic “Relevance of IT in Business”.
- ❑ Student Secretary of Society of Information Technologists (SIT) for the year 2010-2011 and organized the National technical symposium –ICON’10.