Curriculum Vitae

Basic Information

Name : Arjun Anil Gambhir

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Git Repo : https://github.com/Arjungambhir

Leetcode **:** https://leetcode.com/arjungambhir/

Work Details

Company Name	Designation	From	To	Duration
Honeywell Technology Solutions, India	SDE - II	Oct-2019	Current	
Honeywell Technology Solutions, India	SDE - I	Sept-2017	Oct-2019	2 years

Project Experience

Project	Voice Enterprise - Vocollect
Work Location	Honeywell Technology Solutions, Hyderabad
Duration	Sept 2017 – Current
Description	Honeywell Vocollect solutions maximize the efficiency of workflows in industrial domains like DC, Maintenance and Inspection enabling voice-based solutions for better worker productivity.
Role	Software Developer
Solution Environment	Java, JEE, JAX-WS/RS, Spring 5.x, Struts 2.x, Spring-boot, CXF, MS Azure
Tools	Eclipse IDE, GIT, GrayLog, Atlassian Toolchain
Responsibilities	• Determines operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions. • Improves operations by conducting systems analysis; recommending changes in policies and procedures. • Provides information by collecting, analyzing, and summarizing development and service issues. • Studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle etc.

Technology

Languages	Java, J2EE, Python, SQL, JAX-WS, JAX-RS
Algorithm paradigms	Dynamic Programming, Greedy Algorithms, Divide and Conquer, Backtracking, Branch & Bound etc.
Linear Data Structure	Array, String, LinkedList, Stack, HashTable, HashMap, Binary Search, Queue, Sorting algorithms etc.
Hierarchical Data Structure	Tree, Heap, Segment tree, Trie.
System Design Basics	**System features:** Scalability, Reliability, Availability, Efficiency, Maintainability, Redundancy and replication Management etc. **System components:** Data Partitioning, CAP THM, Load balancing/Elastic load balancing, Caching /Elastic Cache, SQL and NOSQL, Redundancy and replication, Proxies, consistent hashing, Long pooling, Auto scaling, DNS / CDN , WebSocket, Auth token service, message queue etc.
Distributed Computing	Service-oriented architecture, Map-reduce, Distributed caching, Load Balancing etc.
Internet	DNS working, TCP/IP, Socket communication etc.
Tools	GIT, Perforce, Maven, Apache Ant, JIRA , Graylog.
API	jQuery, Spring 5.x, Struts 2.x, Spring-boot, Hibernate.
Additional Courses (IIIT-H)	Information Retrieval and Extraction Statistical Methods in AI Database System Optimization Methods

Academic Projects

Title : **Wikipedia search engine (IIITH)**

Platform : J2EE

Description : A Wikipedia search engine built using Java, XML Parsing using SAX Parser, Ranking Algorithms please find detailed description with o/p statics on below link

GitHub Link : https://github.com/Arjungambhir/Wiki_search_engine

Title : **Domain specific tweets out of articles (IIITH)**

Platform : python

Description : Tweet Generation can broadly be categorized as a text summarization problem with a constraint on the length of summary. Addition to this, there are certain other essential characteristics like preserving key information from the source material, generating tweet that is memorable, catchy and at the same easy to comprehend. These requirements together make the problem a little more challenging but at the same time interesting.

Website : https://arjungambhir.github.io/Domain_Specific_tweet_generation/

GitHub Link : https://github.com/Arjungambhir/Domain_Specific_tweet_generation/

Title   : **E-LMS For Advanced Computing.**

Platform   : J2EE

Description   : This application used to plan, implement and assess a specific learning process for all Advanced Computing modules, also provides a way to create and deliver content, monitor student participation and assess student performance, it also provides students with ability to use features like sticky notes, compiler, interactive features such as Threaded discussion and Video conferencing.

Note :

Apart from above mentioned projects, I have worked / working on some other projects you can find it below

Git Repo: **https://github.com/Arjungambhir**

Academic Details

Level	Institute	Board/University	Duration	Degree %	Grade
PG Diploma In Advanced Computing (PG-DAC)	Centre of Advance Computing, Hyderabad	Centre of Advance Computing	2017-2017		
BE	M.S.Bidve collage of engineering Latur	Swami Ramanand Teerth Marathwada University , Nanded , Maharashtra	2010-2014	70.86 %	Distinction
XII	Dayanand Science College,Latur ,Maharashtra	Maharashtra state board	2008-2010	67.33 %	First class
X	Saraswati vidyalaya,latur, Maharashtra	Maharashtra state board	2008	78.3 %	Distinction

Other Information

Extra-Curricular   : Volunteer in different collage cultural activities, actively participated in collage sport team.

Technical Certification   : DESIGN AND ANALYSIS from Central institute of tool design, Hyderabad (2013).