

Srinivasa Sai Kaushal Bondada

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WORK EXPERIENCE

PAYPAL INC | SOFTWARE ENGINEER 3

SEPTEMBER 2018 - PRESENT | SAN JOSE, CA, USA

- Working on building tools to improve developer productivity and also develop and manage the already existing applications in Regulatory Platform

COX AUTOMOTIVE INC (Dealer.com) | SOFTWARE ENGINEER 2

OCTOBER 2015 - AUGUST 2018 | BURLINGTON, VT, USA

- Worked on migrating the Web Platform to AWS from an onprem data center
- Rearchitected the legacy applications to be Cloud(AWS) compatible
- Worked on improving the performance and reliability of the CMS (A large Distributed Content management System) by analyzing the metrics and problems faced by users. And also improving the design of the entire CMS codebase so that it can handle all 25000 websites reliably without downtime

AIRSAGE INC | JUNIOR SOFTWARE DEVELOPER

OCTOBER 2014 - AUGUST 2015 | ATLANTA, GA, USA

- Improved the performance of the existing Position Determination Engine and ported the whole SQL code to python to facilitate developing and plugging new code easily
- Tested new Distributed Architectures like Cassandra and Impala on HDFS for improved performance and support compared to our existing Architecture

VISION AND PERPETUAL MACHINE LAB,UB | RESEARCH ASSISTANT

MAY 2013 - AUGUST 2014 | BUFFALO, NY, USA

- Coded state of the art computer vision projects like Jake, Video2Text
- Worked with latest hardware and maintained 2 servers for our projects

PROJECTS

SUPPORT-TOOLS | JAVASCRIPT

- Developed a full stack application to help our support staff migrate all 25000 applications to HTTPS within a couple of months as compared to years
- The application was written such that it is easily extendible to any future tools needed for supporting any team

CMS-SELECTOR | JAVA

- Developed an inhouse load balancer which works along with the F5 load balancer to route requests using consistent hashing in order to take advantage of the local caches
- The application also handles some custom request interceptions that manipulates the request and set cookies before being served by CMS

CMS-REPORTER | PYTHON

- Developed an application to generate various kinds of reports aggregating daily, monthly performance of platform and downtime information about the platform, Summarizing it as an email so the stakeholders can have insights about the parts of the platform and also publishes the summarized information into New Relic so we can query it later

DAGGEN | PYTHON

- Developed, Designed new DAG(Directed Acyclic graph), which uses a job dependency manager to execute the dependent tasks for efficient batch scheduling
- Worked on several Distributed frameworks like Impala, Hive, Cassandra, MongoDB and Hue. Improved the performance so it can handle peta bytes of data in reasonable time

VIDEO2TEXT | C++

- Coded one of the essential pipelines for system and formulated an improved way of text generation
- Improved efficiency of the pipeline and managed to include up to 4 domains resulting in almost real time output in under 5 min

EDUCATION

UNIVERSITY AT BUFFALO

THE STATE UNIVERSITY OF NEW YORK

JUNE 2014

Masters in Computer Science

GPA: 3.54 / 4.0

Coursework: (Name/Semester)

Machine Learning	fall'12
Modern Networking	fall'12
Programming Languages	fall'12
Software Engineering	fall'12
Pattern Recognition	spring'13
Analysis of Algorithms	spring'13
Database Systems	spring'13
Data Mining	fall'13
Masters Project	spring'14

GITAM UNIVERSITY

GANDHI INSTITUTE OF TECH AND MGMT

APRIL 2012

Bachelors in Computer Science

GPA: 8.86 / 10.0

SKILLS

Language	Java Python JS
Platform	Amazon AWS DataCenter
Database	MySQL MongoDB Graphite
Monitoring	New Relic SumoLogic
Testing	JUnit Mockito Jmeter
Tools	Git Maven
Frameworks	Spring Hadoop Hibernate
IDE	IntelliJ PyCharm Eclipse
Libraries	Togglz Hystrix
Office Suite	LaTeX MS Office
OS	Linux Mac OS Windows

PUBLICATIONS

SEPC: A TOOLBOX FOR SOFTWARE EFFORT ESTIMATION

IJCA | OCT 2011 | NEW YORK, USA

CPN: A HYBRID MODEL FOR SOFTWARE COST ESTIMATION

RAICS, IEEE | SEPT 2011 | TRIVANDRUM, IND

CLUSTER ANALYSIS & PSO FOR SOFTWARE COST ESTIMATION

ITMC, SPRINGER | APR 2011 | NAGPUR, IND

