

Abhishek Bhattacharjee

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Education

University of South Florida, Tampa Master of Science in Computer Science	Aug 2017- May 2019
University of Pune, Pune, India Bachelor of Engineering in Information Technology	Aug 2010 - May 2014 GPA: 3.6

Technical Knowledge

Programming: Go, Java, Python and C
Databases: PostgreSQL, MySQL, Cassandra, DynamoDB, MongoDB, Redis, TitanDB
IDE: Emacs, Eclipse, IntelliJ
OS: GNU/Linux(Debian derivatives), Mac OS X
Version Control: Git, Perforce
Message Queues: RabbitMQ, Kafka, AWS SQS, Redis Pub-Sub
Other Tools: Apache Storm, Docker, AWS services, JUnit, TestNG

Work Experience

Application Engineer, Media.Net (Directl) • Worked in Go and Java. Built an event sourcing framework using Kafka and Cassandra and implementation was in Go. • Built a web service with REST interface for storing and querying high amounts of data using a graph database(TitanDB) • Major responsibilities: web services, microservices using message queues(Kafka, AWS SQS and RabbitMQ), data modelling.	July 2016 - July 2017
Web Craftsman(Backend), Betacraft • Go developer, worked on developing REST based web services, maintaining and scaling them • Developed projects, which involved data modelling, implementation, tools selection, and continuous integration and deployment • Developed the complete backend of our flagship product AppSurfer . • Used major AWS services like EC2, S3, SQS, CloudSearch, ECS, ElasticBeanstalk, CodeDeploy, Auto-Scaling and Route53	Dec 2015 - June 2016
Associate Software Engineer, Symantec/Veritas • Joined as a fresher, worked mainly in Java, managed the build scripts for my team, helped in continuous integration process. • Developed key features in Veritas Resiliency Platform. Developed various workflows to facilitate disaster recovery operations like Migrate, Takeover, Fire-drill for virtualized environments (VMWare and Hyper-V based machines) • Implemented risk detections in the above systems like disk full, low capacity at the DR(secondary) site	Jun 2014 - Dec 2015

Projects

Go based job scheduler and executor https://github.com/betacraft/scheduler • Simple Job scheduler written in Go which uses RabbitMQ or AWS SQS	Jun 2016 - Jul 2016
AppStream/DEP-11 for the Debian Archive Google Summer of Code 14 Debian • Implemented a metadata generator in AppStream format for the packages in Debian archive • Python was used for the implementation and PostgreSQL for the database	Mar 2014 - Aug 2014
Stateful Bolts For Storm Final Year Research Project https://github.com/pict2014/storm-redis • Introduced state in Storm's processing to improve the throughput and benchmarked results. • Technologies used for the project were Kafka, MongoDB, Redis, Apache Storm and Java was used for implementation.	Oct 2013 – Mar 2014

Honors & Awards

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- Three Level-2 Applause awards in Veritas for excellence
 - Runners-up Impetus & Concepts 2014 for best final year project