

Ambikeshwar Srivastava

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EDUCATION

B.TECH

ELECTRONICS AND COMMUNICATION ENGINEERING

MIT Bulandshahr (UPTU)

June 2012 | Bulandshahr, U.P
Percentage: 65.72%

INTERMEDIATE PCM

Gandhi Inter College
June 2007 | Bahraich, U.P

HIGH SCHOOL

SCIENCE

City Montessary School
July 2005 | Bahraich, U.P

CERTIFICATION

PG DIPOMA IN VLSI

CDAC-ATCS PUNE

Feb 2013 | Pune, Maharashtra

SKILLS

LANGUAGES AND TOOLS:

- Python • Java • C(Familiar) • Shell
- Oracle sql • Kafka • ELK/Splunk
- Cassandra • Docker • AWS lambda(familiar) • Stored Procedures
- Flask • Django (Familiar) • Falcon (Familiar)
- Angular(Familiar)

PRESENTATIONS

- Sandhi-A Visual Programming Editor in SciPy India 2015 at IIT Bombay
- Oscad in 27th International Conference on VLSI Design 2014 at IIT Bombay

PUBLICATIONS

- Oscad: An open source EDA tool for circuit design, simulation, analysis and PCB design (IEEE)
- Oscad book

LINKS

Github://

<https://github.com/ambikeshwar1991>

LinkedIn://ht-

<tps://in.linkedin.com/in/ambikeshwar1991>

SUMMARY

Python developer with 7+ years of total and 4+ years of investment banking experience, with the knowledge of algorithm, data structure, devops, cloud automation, Java and OOPs.

EXPERIENCE

XORIENT SOLUTIONS PVT LTD. SENIOR SOFTWARE ENGINEER

Nov 2019 - Present | Pune, Maharashtra

- Working for environment team of CLS Bank(client), my role is to automate deployment/start/stop/build of components in VMs along with setting the variables from configurable xml file provided by component users while deployment, our script also create IBM MQs based on detailed design provided in XML.
- Created accreditation tool for internal team using Flask and angular.
- Written unit test cases by simulating the environment.

JPMORGAN CHASE ASSOCIATE SOFTWARE ENGINEER

July 2017 - Nov 2019 | Mumbai, Maharashtra

- Worked with market Risk and analytic team to develop PaaS for running Monte Carlo simulation on distributed network using equivalent technology as AWS Lambda, API Gateway and S3 using python.
- I developed a centralized logging framework to log from the distributed network, which can be monitored in Splunk/Kibana, using kafka messaging queue and logstash.
- Implemented write back service which stores data from distributed network to Sybase database using Kafka messaging queue.
- Implemented batching logic to distribute jobs on grid in batches with self healing and rerun from failure feature.
- Implemented unit test and integration tests for all the codes after mocking external dependencies in Python and Java
- I have created stored procedure which compares more than 200 million data from production to UAT and report the breaks, implemented in Java.

KGFSL | SOFTWARE ENGINEER

July 2016 - June 2017 | Deutsche CIB Centre Private Limited, Mumbai, Maharashtra

- I was in trade finder team, where my role was to develop software to automate finance report generation, which involved data cleaning using Pandas and report generation using xlsxwriter
- I have created REST API using falcon, callable from MATLAB code hosted on another server using Python-Falcon micro web service.
- Created Rest API using Flask to list down ticker data from HK exchange and plotted it in angular
- Created unit tests and integration tests for all the modules I created

FOSSEE, IIT BOMBAY | JR SOFTWARE ENGINEER

April 2013 - June 2016 | Mumbai, Maharashtra

- Developed first free and open source software for mixed mode simulation by using inter process communication using socket programming in C.
- Developer of open source visual programming editor named sandhi, developed by using the concept of multi-threading and SWIG compiler which used to compile C++ libraries to import it in Python