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# ADARSH KUMAR VERMA

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## PROFESSIONAL SUMMARY

- A forward- thinking professional with **5+ years** of experience in web application development and enhancement using **Python**, Django and Flask Frameworks.
- Experience with working in data analysis libraries pandas and numpy.
- Extensive knowledge of developing REST API, worked on RDBMS concepts like SQL queries Stored Procedures and NoSql database like MongoDB.
- Strong knowledge of **Data Structure and Algorithms**.
- Working experience with virtualization, cloud computing technologies such as AWS and Hypervisor like VirtualBox,VMware etc.
- Experience in using the cloud infrastructure for application development, deployment and hosting.
- Hands on experience in various DevOps tools like Docker, Git, Jenkins, Jira.

## SKILLS

- Programming Languages - Python
- Framework – Django, Flask
- Databases – MongoDB, PostgreSQL
- Task Queue – Celery, RabbitMQ
- Version Control – Git, Mercurial
- DevOps Tools – Docker, Jenkins
- Operating System – Ubuntu, Fedora
- Development Tools - PyCharm, SQL Developer, NoSQLBooster
- Other Tools – Kafka, Elasticsearch

## WORK EXPERIENCE

**Senior Software Engineer**, 09/2019 –  
Present **Subex** – Bengaluru, KA Project  
Name: CrunchMetrics

Tools : Python, Flask, MongoDB, ElasticSearch, Kafka, Docker

- CrunchMetrics is a SaaS platform that brings fully automated anomaly detection that enables error-free handling of large and complex data sets, and real-time detection and alerting powered by Machine Learning.

- Designed, Developed and Deployed multiple critical modules from project perspectives within strict deadlines.
- Written multiple APIs to generate alerts in system when there is an anomaly.

**Senior Software Engineer**, 01/2019 – 09/2019

**Hewlett Packard Enterprise** – Bengaluru, KA

Payroll Company - Msys Technologies

Project Name: RelEng

Tools : Jenkins, Docker, Python, Jira

- Wrote clean ,maintainable code and created unit test cases suitable for CI/CD environment.
- Worked as a Developer to develop python scripts to automate various functionality.
- Solely responsible for bug fixing in production environment.
- Worked in complete DevOps environment and enhanced various tools functionality.

**Senior Software Engineer**, 04/2016 – 12/2018

**Infosys Ltd** – Bengaluru, KA

Client : Telstra

Project Name: **Cloud Direct Connect Interface**

Project Duration : **2.5 Years**

- Securing and provisioning connection between client's home network to public cloud services raised by all customers who has taken home network's membership
- Worked as a Developer to develop various cloud service adapters in Python.
- Wrote maintainable code and solely responsible for designing complete end-to-end flow and structure of application.
- Completely involved in analysis, design ,coding, testing and deployment phases of SDLC.
- Worked closely with customers, internal staff and other stakeholders to determine planning, implementation and integration of system-oriented projects.

**Software Engineer**,

**Infosys Ltd** – Bengaluru, KA

Project Name : NBN DA

Project Duration : **5 months**

- Worked on Robust Data Sourcing, Processing and Delivering Platform i.e. a Data warehouse designed to source data from different fulfillment systems, process them and deliver the processed data to required systems and end users in the form of reports or file extracts.
- Worked on a custom built framework to emulate a data warehousing system.
- Designed and developed a system which completely automate the process of technical verification testing.

## EDUCATION

**B.Tech:** Computer Science and Engineering, 2015

**National Institute Of Technology, Silchar** - Silchar, AS, India

## DECLARATION

I hereby declare that all the above mentioned facts and information are true to the best of my knowledge.

I Shall be solely responsible for any discrepancy found in them