Deepak Rayathurai 

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# Objective

  To leverage my 8 years of technical experience to lead a team or as an individual with exceptional ability and to Work collaboratively to develop product, implement solutions, isolate problem and best practices to bring more quality and business to the organization.

# Education

## BE | MAy 2011 | Kumaraguru College of technology

* Electrical and Electronic engineering.

# Skills & Abilities

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* Expert in python with Django Framework.
* Elastic Search, Log stash, Kibana and Xpack.
* RESTful API.
* Design Patterns of python.
* Skilled in ORM libraries.
* JavaScript, Ajax Framework, jQuery, HTML5, CSS.
* DevOps Methodology
* DevOps tools like Terraforms, Salt Stack, Jenkins, Git, GitHub, Confluence, JIRA.
* App Dynamics.
* Amazon Web services –Lambda, Compute & storage Instances and API gateway, Cognitos etc.
* BMC remedy, Problem Management and Change management.
* Amazon Web services and Selenium web driver.
* Mobile and Internet banking applications.
* Rule based class 1 Chabot.
* Good team Player and Collaborator.
* Good at sharing knowledge and mentoring team.
* Attending relevant Summits, conferences and Webinars
* Regular participant of meetup forum.

# Work History

## Senior Software Engineer | Wipro | Since July 2011

* Technical lead for Banks Digital Transformation drive and also a full time Developer for Research and development team of the Bank and expertise in developing Full stack web applications using Python Django framework to augment DevOps.
* Technical lead for bank’s digital applications such as Mobile banking, Internet Banking and other branch applications, encored on ZK framework for 3 years, which includes 2 Years of offshore and 4.5 years of onsite experience at South Africa Standard Bank.
* Writing and assisting team to write reusable, testable and efficient programs.
* ***Provided training on the salt stack ,Jenkins and Python  to WIPRO Engineers through volunteer mentoring program.***
* ***Spent 200+hours since 2016 in providing training on python and Devops tools***
* Designing, developing and deploying the application and providing Solutions to bring innovative and worthwhile product to End Users.
* Writing watchers and Triggers in ELK stack to get the thresholds and Bottlenecks of the application
* Using APM in ELK stack to bring the developed Django Applications to achieve better scalabilty and take care proactive measures for security violations and organization defined security policies.
* Tunneled ELK stack to get the analysis on how automation of Quality engineering is practiced which enable the bank to get the statistics on the Digital transformation.
* Enabled the Server logs to get stashed and monitoring using the logs and alerting the infrastructure team to take proactive measures.
* Conversion of Business excel data to Metrics and visualizations in Kibana.
* Adopting and ensuring the standards for the development platform and for the process in the project.
* Validation of UI to provide best UX to end Users.
* Code debugging and data fixes activities.
* Integrating multiple data sources and databases into one system
* Unit test and debugging skills
* Proficient understanding of Source version control systems like GIT, Bit Bucket, JIRA and Confluence.
* Generating MIS reports and documentation.
* Analyzing user inconvenience and bugs in the application.
* Conducting technical analysis with team to increase the performance of the applications.
* Fix advice to the other partner system development team and technical recommendations in Design and new application features.
* Identifying and fixing performance issues.
* Developing Programs and application as value add to automate the activities wherever and whenever possible using Python.
* Project Deployments, Post Deployments Support and Go Live Support.
* Root Cause Analysis for all critical, high and recurring Incidents in Bank Production Environment.
* Problem Management.
* Monitoring SLAs and adopting best practices to pursue it always.
* Escalating the Unresolved Issues at the right time and finding permanent resolutions to ensure the customer satisfaction all the time.
* To provide the analysis to Bank Authorized Users, including actions required to rectify the issue.
* Steps, Plans and Implementations to prevent the incident from re-occurring.
* Work closely with appropriate personnel to provide Progress reporting and effective Incident and Problem resolution in Production.
* Monitoring servers and taking proactive measures to ensure availability.
* Debugging Web Based Applications written in JAVA.
* Leading the team in competitive programs and went to second round of standard Bank Johannesburg Hackathon 2017.
* Learning new technologies and mentoring the team on the same and training technically and qualitatively.
* Developing relevant applications as plugin to enhance customer experience.
* Leading Digital Lab in the organization which concentrates on Artificial Intelligence, Machine learning and Robotics Process Automation.
* Hands on in Amazon web services, Microsoft Azure solutions, and Selenium Web driver.
* Recently developed a mobile app using Power apps for standard bank users to provide their surveys on digital applications.
* Recently led my team in competitive program and solved the problem of converting the customer feedback and sentiments into powerful business insights.

## Senior Associate | Cognizant Technology solutions | Since september 2018

* Proposing the apt solutions and implementation for End-to-End Infrastructure automation.
* Driving the team to practice DevOps culture.
* Developing Pipelines in Jenkins for Continuous delivery and Integration for CI/CD.
* **Validating the Relevant DevOps tools and prescribing the process for the adoption.**
* **Analyzing the need for the plugins and developing the required modules in salt stack in python.**
* **Voluntary Trainer for Devops Academy of the Organization(Cognizant Technologies)**
* **Delivered 120+ hours of  training to Non programmers audience and successfully made them to clear the Internal assessments on saltstack and Configuration Management.**
* **Helped the Trainees to  solve the conventional problems  in Configuration management in their project through saltstack.**
* **Assisted the Academy team to  create the technical standard operating procedures for salt stack which comprise the real time issues in deployment and solving it through salt stack.**
* **Delivered  webinar session   to cognizant on continuous deployments in salt stack.**
* **Delivered session on how the salt stack  can be glued well for continuous testing.**
* **Developing salt formulas in python and Custom libraries  for internal use.**
* **Currently leading my team in Azure hackathon by building a viable solution on Cognitive Platform indulging image Processing, Compression and predictive models.**
* **Other Training  stacks of my career include Python-Django, Rest Api Development in python, ELK stack, Jenkins , VCS and some prominent services of AWS.**
* **Won master Performer award twice since Jan2019 for training associates and Creation of Content for Technical Training**.

# Hobbies

# Long run and Marathon.

# Intensive Book reading.

# Quora and Medium Reader.

# Spending Quality time with ML research Community through Webinars and discussions with IIT –scholars of madras in terms of Data Compression.

# Delivering Technical talks in Meetups for local technical geek Community in python.

# Learning and Practicing new and Futuristic technologies like Machine learning and Robotics process.

# Participating in Tec gig contests.