

Mukul Milind Mishra

Cloud Engineer, Amazon Web Services

Dynamic and detailed-oriented Computer Science Engineer with 2+ years of work experience in Software Development and Enterprise Infrastructure. Keen to learn new technologies to innovate and build scalable software products and solution for customers.



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mukulmilind.github.io/Resume

SKILLS

- Java Programming
- Data Structures, Algorithm and Design
- HTML5, CSS3, Javascript
- Git - Version Control
- Unix Shell Scripting
- Red Hat Enterprise Linux
- Database Management Systems
- Amazon Web Services
- Pivotal Cloud Foundry
- Troubleshooting Production Issues
- Splunk, App Dynamics, RB SteelCentral
- Tomcat Apache and Weblogic Server
- Graphics Designing: Adobe Photoshop
- RPA: UiPath & Automation Anywhere

WORK EXPERIENCE

Cloud Engineer, Amazon Web Services, Bangalore | August 2019 - Present

- Replicate and troubleshooting production issues
- Day to day work on AWS Elastic Cloud Compute, Elastic File System, Elastic Block Store, Lightsail, Virtual Private Cloud, Elastic Container Services, Identity and Access Management.
- Understand infrastructure design of AWS Customers ranging from small to large enterprise customers like Facebook, LinkedIn, BBC Netflix, etc.
- Develop linux bash scripts to automate small process.

Software Development Engineer 2, Dell, Bangalore | October 2018 - July 2019

- **Sabrix Web Services using Spring Boot replacing all Data Base Links**
 - Designed to handle 40k - 50k transaction everyday and can scale up
 - More secure and generic
 - Technologies - Java Springboot, PCF - Container, Oracle DB, Git - Version Control
- **Production monitoring process automation**
 - One command with few parameters to spin one or more tax engines.
 - Reduced the deployment time from 3-4 hours / server to 25 seconds/server.
 - Minimised the effort of 4 engineers working for 2-3 months to spin 142 VMs to 2 engineer taking 2 week of time
 - Standardised infrastructure with uniform configuration to reduce the incidents by 95% related to server configuration.
 - No server/application required to deploy application.
 - Decreased maintenance time from 12 hours per window to 2 hours per window with no downtime.
 - Technologies - Linux Shell Scripting, Python
- **Tax Consolidation Project: Lead for infrastructure & architecture setup.**
 - Replace Vertex (used in L-EMC) with single tax calculating engine - Sabrix
 - Understand overall design of L-Dell and L-EMC
 - Database, Replication Setup and Data Migration from EMC to Dell infrastructure.
- Automation of repetitive processes using RPA tools - AA, UiPath.
- **Responsive Splunk dashboards for Sabrix Application**
 - Monitoring and troubleshooting production issue
 - Such dashboards were largely used during EOY Holiday Sales war room and deployment.
- **Lead - Innovation and Training Committee, IT Development Program**
 - Mentor junior developers
 - Organize and take part in quarterly Hackathons
 - Graphics designer @ Dell: Posters, Flyers, Standees, Backdrops, ID Cards and lot more.

LEARN . INNOVATE . SHARE . GROW

Software Development Engineer 1, Dell, Bangalore | July 2017 - October 2018

- **Composer UI for Harmony - Front-end Development**
 - Harmony is a Dell Internal Sales Tool for customer representatives to sell 3rd party vendor products to the customers.
 - Target was to increase sales numbers by making easy and user friendly tool.
 - This project was presented to leadership as a POC to revamp the legacy tool and was funded for next FY roadmap
 - Technology: Angular 6 - Front-end, SpringBoot - Service Calls, Gitlab, PCF Container
- **ONE SOURCE Tax Determination - Sabrix Global Infrastructure Support**
 - Maintain, Scale, Tune and Standardise Infrastructure
 - Work on new features, improvements and enhancement for Finance Applications.
- **ONE SOURCE Tax Determination - Upgrade from v5.3 to v5.9**
 - ONE SOURCE Tax Determination is Global Tax calculation engine for quotes and orders at Dell. The aim of this project was to upgrade application version from v5.3 to v5.9.
 - Application's infrastructure was moved from Oracle Weblogic Server to Tomcat Apache server, physical machines to Virtual Machines, scheduled database scripts to real-time replication.
 - Building the infra using automated shell scripts. Setting up replication using Oracle Golden Gate, SSL and Security configuration and Architecture plan.

EDUCATION

Bachelor of Engineering | 2013 - 2017

- Branch: Computer Science Engineering,
- University: Visvesvaraya technological university
- College: BMS Institute Of Technology, Yelahanka, Bangalore
- Aggregate Percentage: 84.0 %

Matriculation and 10+2 | 2010 - 2012

- Kendriya Vidyalaya No.2, Delhi Cantt, New Delhi - 110010
- AISSCE: Class 12th Percentage - 87.4 %
- AISSE: Class 10th Percentage - 9.4 CGPA

AWARDS & RECOGNITIONS

- **Shark Tank Winner - Dell Digital Summit 2019** | Jun 2019, Dell Technologies
Global Product Launch Dashboard to preview the draft state of preparedness of any new product on Dell.com. Pitched the idea in front of 400+ audience including OCIOs and was able to get on the spot \$50,000 project funding.
- **FY19 Dell Champion Award** | Mar 2019, Dell Technologies
Outstanding performance and Excellence by Leading, Mentoring new hires and Delivering quality features @ Dell during FY19.
- **FY18 Q1 Global Recognition - Bronze Award** | Jun 2018, Dell Technologies
- **FY18 Dell Long Term Incentive [LTI]** | Mar 2018, Dell Technologies
Outstanding performance and Excellence@Dell during FY18.
- **FY18 Q3 Global Recognition - On The Spot Award** | Nov 2017, Dell Technologies

TRAINING & CERTIFICATION

- Oracle Certified Java SE8 Programmer - Oracle
- Oracle Database 12c SQL Certified Associate - Oracle
- AWS Certified Solution Architect - Associate
- UiPath Certified Advanced RPA Developer - UiPath
- Certified Scrum Master - Scrum Alliance
- Python Programming - University of Texas, Arlington
- Machine Learning Advanced Certification Training - Simplilearn
- Database Fundamentals MTA - Microsoft