Summer Training

Progress Report #2



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201680920

Term 213

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# Introduction

This report will talk about my learn, activities and experience working as IT in amazon during my summer training.

Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| Week # | Title | Accomplished | Date |
| 4 | Developing on AWS & IT Automation | Deployment:   * Deploy written code in AWS using existing CI/CD pipelines, processes, and patterns. * Deploy applications using AWS Elastic Beanstalk. * Prepare the application deployment package to be deployed to AWS. * Deploy serverless applications. | 17-07-2022 |
| 5 | Developing on AWS & IT Automation | Security:   * Make authenticated calls to AWS services. * Implement encryption using AWS services. * Implement application authentication and authorization. | 24-07-2022 |
| 6 | Developing on AWS & IT Automation | Development with AWS Services:   * Write code for serverless applications. * Translate functional requirements into application design. * Implement application design into application code. * Write code that interacts with AWS services by using APIs, SDKs, and AWS CLI.   IT Automation:   * Writing PowerShell script to automatically check if the target machine is compatible with Windows 11 and upgrade to it. | 31-07-2022 |

# Accomplished task

* Learning how to develop secure serverless applications and deploy them on AWS
* Learning CI\CD principles
* Writing PowerShell script

# Problem Faced

* Unfamiliar with PowerShell scripting.

# Experience gained

* Development on AWS
* Containerize applications with docker container
* Writing serverless applications on AWS
* Automate IT tasks with PowerShell script
* SIM ticketing system

# Plan for the coming period

|  |  |  |
| --- | --- | --- |
| Week # | Title | Start Date |
| 7 | IT Automation | 07-08-2022 |
| 8 | IT Automation | 14-08-2022 |