

# Ajay Bhargav Reddy

**E-mail** : reddivariajay8247@gmail.com

**Contact No** : +91 8247489732

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## **CAREER OBJECTIVE:**

Looking for a challenging and responsible position in Python & AWS Development to serve the organization with the best of my technical skills and abilities by utilizing my educational and professional knowledge and competencies acquired by me in my academic career and professional experience.

## **CAREER SNAPSHOT :**

- Around 6 years of exposure of working in software development as a Python & AWS Developer which includes Python, Amazon Web Services (AWS), GitHub, Linux, test data management etc.
- Proficient in AWS services including but not limited to EC2, ELB, S3, EFS, RDS, VPC, ECS, Lambda, and CloudWatch.
- Experience in managing and migrating applications to AWS, both in Linux and Windows environments.
- Skilled in environment management (DEV, QA, UAT, PROD) and implementing AWS solutions like EC2, S3, and ECS with Elastic Load Balancer and Auto Scaling groups.
- Collaborated with multiple development teams, managing multiple software releases.
- Excellent interpersonal skills, ability to interact with people at all levels.
- Extensive hands-on experience in web services and REST APIs development.
- Proficient in Python OOP concepts, Exception Handling, and server-side web application logic.
- Intermediate knowledge in front-end technologies like HTML5, CSS, JavaScript.
- Excellent interpersonal skills with the ability to interact effectively at all organizational levels.
- Expertise in Python, designed, programmed and automated applications using python.

**WORK EXPERIENCE:**

- Previously worked with Progle infotech from May 2018 to Feb 2022 and worked as a Software Engineer in **Wipro technologies** Bangalore from Feb 2022 to dec 2022.
- Currently working as a software engineer with Everestek Teschnosoft solutions from dec 2022 to august 2023.

**TECHNICAL SKILLS:**

Languages/Technology	:	Python, AWS,
Frameworks	:	Django, Shopify
Tools	:	Docker, GIT, Kubernetes, WinSCP
Databases	:	MySQL, Oracle, PostgreSQL, DynamoDB
Applications	:	GIT, Postman, SourceTree, Putty
Operating systems	:	Windows, Linux

**ACADEMICS:**

- B. Sc in Yogi Vemana University, Kadapa , 2018 from Lepakshi Degree College.

**Projects:****Project No.1**

**Project Title** : McColl's Retail Group, UK  
**Environment** : Python, Flask, Docker, Unit test, Agile, Scrum  
**Role** : Python Developer

**Description :**

McColl's Retail Group is a British convenience shop and newsagent operator, trading under the trading names McColl's, Martins and RS McColl for shops in Scotland. McColl's also operates post offices in one third of the estate, making them the largest post office operator in the United Kingdom. Later Martin McColl's implemented a companywide change in the colouring of SEL's and POS, opting for 'ivory' SEL strips and a mixture of block colored red and white POS material.

**Roles & Responsibilities :**

- Responsible for getting, understanding the business specs, preparing technical Specs.
- Developing/Enhancing the code as per the requirements using Python, Django, oops concepts.
- Fixing reported bugs and writing script.
- Involved in developing the python code writing in Lambda for the business logic.

- Involved in Agile, Scrum methodology with Sprint implementation
- Involved in writing unit test cases using Unittest, mock frameworks
- Writing Queries for retrieving data from backend.
- Involved in Code reviews, Code refactoring while creating Pull requests

## **Project No.2:**

**Project Title** : Sonoma  
**Role** : Aws and Python Developer  
**Environment** : Python, AWS, GIT.  
**Database** : PostgreSQL, DynamoDB, Athena.

## **Description:**

American Express Company (Amex) is an American bank holding company and multinational financial services corporation that specializes in payment cards. It is headquartered at 200 Vesey Street, also known as American Express Tower, in the Battery Park City neighborhood of Lower Manhattan. AMEX cards are primarily categorized in the order of Green, Gold, Platinum, and Black (Centurion), with a higher rank indicating a higher priority level.

Amex is the fourth largest card network globally based on purchase volume, behind China UnionPay, Visa, and Mastercard and had 133.3 million cards in force worldwide as of December 31, 2022, with an average annual spending per card member in 2022 of US\$23,496. In 2022, it handled over 1.5 trillion in purchase volume on its network. It is on the list of largest banks in the United States. The company is ranked 77th on the Fortune 500 and 28th on the list of the most valuable brands by Forbes. The company also owns a direct bank.

## **Roles & Responsibilities :**

- Worked exclusively on making applications more scalable and highly available system in AWS (load balancing) with full automation.
- Migrated their application from Azure to Aws.
- Responsible for Writing all the deployment scripts.
- Configuring Cloud watch Monitoring for the Linux Servers and setting up the Notifications.
- Building servers using AWS, importing volumes, launching EC2, creating security groups, autoscaling, load balancers, Route 53, SES and SNS in the defined virtual private connection.
- Used IAM to create new accounts, roles and groups.
- Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.
- Configuring and managing AWS Simple Notification Service (SNS)

- Experience in AWS, which included managing application in the cloud and creating instances
- Created Snapshots and Amazon Machine Images (AMI's) of EC2 Instance for snapshots and creating clone instances.
- Built a highly available and fault tolerant VPC from scratch.

### **Project No.3:**

**Project Title** : Sales funnel  
**Role** : Aws and Python Developer  
**Environment** : Python, AWS, GIT.  
**Database** : PostgreSQL, DynamoDB, Athena.

#### **Description:**

American Express Company (Amex) is an American bank holding company and multinational financial services corporation that specializes in payment cards. It is headquartered at 200 Vesey Street, also known as American Express Tower, in the Battery Park City neighborhood of Lower Manhattan. AMEX cards are primarily categorized in the order of Green, Gold, Platinum, and Black (Centurion), with a higher rank indicating a higher priority level.

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#### **Roles & Responsibilities :**

- Migrated their application from Azure to Aws.
- Responsible for Writing all the deployment scripts using Terraform.
- Responsible for Writing Python Scripts.

### **Project No. 4:**

**Project Title** : Fineos  
**Role** : Aws and Python Developer  
**Environment** : Python, AWS, GIT.  
**Database** : PostgreSQL, DynamoDB.

#### **Description:**

FINEOS is a global software company providing modern customer-centric core software to the Employee Benefits and Life, Accident and Health industry. We help our customers move on from outdated legacy administration systems to our modern purpose built, customer-centric core product-suite, FINEOS Admin Suite for New Business, Billing, Claims, Absence and Policy

Administration, enabling improved operational efficiency, increased effectiveness and excellent customer care. FINEOS AdminSuite is designed to manage the modern complex structures and relationships of group and individual insurance processing to optimize plan, coverage and data management, operational processing, and business intelligence (BI).

The FINEOS Platform seamlessly blends FINEOS AdminSuite + FINEOS Engage + FINEOS Insight + Platform Capabilities to create the most modern SaaS core insurance platform for Employee Benefits and Life, Accident and Health

### **Roles & Responsibilities :**

- Configuring Cloud watch Monitoring for the Linux Servers and setting up the Notifications.
- Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.
- Configuring and managing AWS Simple Notification Service (SNS)
- Experience in AWS, which included managing application in the cloud and creating instances
- Created Snapshots and Amazon Machine Images (AMI's) of EC2 Instance for snapshots and creating clone instances.

### **DECLARATION:**

I solemnly declare that all the above information is correct to the best of my knowledge and belief.

Ajay Bhargav Reddy.

