

# Anji Reddy Kurapati

+1(816)5291195 | [anjireddy.kurapati@gmail.com](mailto:anjireddy.kurapati@gmail.com) | [linkedin.com/in/ANJI-REDDY-KURAPATI](https://linkedin.com/in/ANJI-REDDY-KURAPATI)

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## Certification:

**AWS Certified Solutions Architect – Associate**

Feb 2022

## Description:

- Experienced in AWS services like IAM, EC2, VPC, S3, RDS, Aurora, Lambda.
- Experienced In DEVOPS practices, set up a CI/CD pipelines using Jenkins, GIT.
- Learnt how to migrate a GIT repository to AWS.
- Experienced In creating Docker containers and Docker images.
- Experienced in deploy and manage containers on AWS EC2 directly using Docker tools.
- Working knowledge in Linux, MySQL, API, Windows PowerShell.

## Education:

**University Of Missouri Kansas City**

**Jan 2021 – May 2022**

Master's in Computer Science

Cgpa 3.50/4

**Jawaharlal Nehru Technological University, India**

**Aug 2015 – June 2019**

Bachelors in Electronics and Communication Engineering

Cgpa 8/10

## Skills:

**Programming Languages:** Python, Java, C, JavaScript, HTML, R, CSS.

**Data Base Query Languages:** SQL, MySQL.

**Web Frameworks:** Angular, Django, React, REST API.

**Visualization Tools:** Matplotlib, Tableau.

**Tools:** Docker, Jenkins, Nagios, Puppet, GIT, Shell Scripting.

**Cloud Services:** AWS, GCP, Azure.

## Projects:

**Cloud Based Signature with Biometric Authentication**

**November 2021**

- Implemented a high security method of digital signature which are based on the cloud environment.
- The user gets to hold a pair of both private and public keys and signer must confirm his/her biometric identification and a one-time Key verification to access the private key for a signing a document, moreover this one-time key is only shared between the signer and receiver.
- To complete the verification process, he/she must provide the public key of the user and the shared one-time key to the system. thus, our device takes a confidential interaction between the user and receiver of the document.

**Twitter Data Analysis**

**May 2021**

- Used Tweepy API and Python to extract 200K tweets, analysed them and wrote efficient queries to retrieve data and visualized in graphs, at end developed web application using Django to display them.

**Transaction Management GUI**

**October 2020**

- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used Java to create a GUI that supports actions such as creating an account, deposit, withdraw, list all accounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and database.

**IOT based NFC Smart Tourist Cards**

**January 2019**

- Implemented a new service called NFC smart Tourist card, which is specially designed for a digital technology enhanced tourist experience.
- The main strengths of this technology are the possibility to enable smart phones and other mobile wallet, simplifying and the user experience.