VIVEK KOLLA

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Summary

Summary — Enthusiastic and motivated Computer Science Engineering graduate with a strong foundation in software development, programming languages, and problem-solving.Adept at collaborating in team environments and eager to contribute to innovative technology solutions.

Skills

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- PROGRAMMING SKILLS : JAVA,PYTHON,C++,C
- WEB TECHNOLOGIES   : HTML,CSS,Java Script,Node js
- DATABASES : SQL(DBMS)
- CLOUD DEVOPS   : AWS(EC2,S3,LAMBDA,RDS),UBUNTU,NETWORKING,

ANSIBLE,TERRAFORM,SELENIUM USING(JAVA,PYTHON)

- MACHINE LEARNING   : DATA MINING ,SCIKIT LEARN,NLP,PANDAS,NUMPY.
- DEVOLPER TOOLS : VSCODE WEKA TOOL(MACHINE LEARNING),MS WORD,Docker,Git MS EXCEL.

Experience

Technical Hub

MACHINE LEARNING INTERN

- As a Machine Learning Intern, I contributed to data collection, preprocessing, and feature engineering to enhance model performance. I developed and trained machine learning models using Python, TensorFlow, and Scikit-learn, optimizing hyper parameters to improve accuracy. Additionally, I evaluated model performance using metrics like precision-recall and F1-score while implementing techniques to reduce overfitting. I also worked on deploying models using AWS Sage Maker and Flask, integrating them into real-world applications.

JAVA INTERN

- Contributed to the development and testing of Java-based applications, ensuring optimized performance and reliability. Implemented features using core Java concepts such as OOP, exception handling, and multithreading. Participated in code reviews and collaborated with the team to resolve bugs and improve code quality. Gained hands-on experience

- AWS Trainee (Amazon web services)

Prior work experience in the deployment of applications and software. Hands-on experience with infrastructure, Software platforms like Storage services, Compute services, Networking services, Data base services, Developer tools, Management and Governance, security, Identity and compliance, Application integration.

- DEVOPS Trainee

The Skills which I enhanced during this training: Version Control Systems tools like Git and platforms like GitHub/GitLab. Learn to set up and manage continuous integration and continuous deployment pipelines using tools like Jenkins, GitLab CI, or GitHub Actions. Understand and implement IaC using tools like Terraform, Ansible,Gain proficiency in Docker for containerization and Kubernetes for orchestration. Deploy and manage applications on cloud platforms like AWS, Azure. Automate server setup and configuration using Ansible.

Education

Graduation

COURSE : B.Tech/B.E. (Computer Science Engineering)
COLLEGE : Aditya college of engineering technology.
UNIVERSITY : JNTUK university

ClassX

Board Name : Andhra Pradesh

Year of Passing : 2020

Score : 99.5

ClassX11

Board Name : Andhra Pradesh

Year of Passing : 2022

Score : 92

Certifications

- Artificial Intelligence And Machine Learning - Andhra Pradesh State Skill Development Corporation (APSSDC)
- JAVA - IT SPECIALIST certified
- CISCO - NDG Linux Unhatched from Cisco
- AWS - Development Program On Cloud Infrastructure
- AWS - AWS Academy cloud Foundations
- Cisco Networking Academy - Introduction to Networks
- Post Man - AI TEXT SUMMARISER APP
- Docker - A Devoloper Docker Essentials
- AI Associate - Salesforce
- DATA ANALYSIS USING PYTHON - Andhra Pradesh State Skill Development Corporation (APSSDC)

Projects

Sentiment Analysis

Developed a machine learning model to analyze and classify textual data into sentiments (positive, negative, or neutral) using natural language processing (NLP) techniques.

Full stack application Through Aws cloud

Deploying Full stack application using Elasic BeanStalk Prior work experience in the deployment of applications and software. Hands-on experience with infrastructure, Software platforms like Storage services, Compute services, Networking services, Data base services, Developer tools, Management and Governance, security, Identity and compliance, Application integration.

Hosting Static website using S3

Hosted a static website on Amazon S3, enabling fast and scalable content delivery. Configured S3 buckets for website hosting, set up bucket policies and permissions for public access, and integrated AWS CloudFront for improved performance and security. Managed DNS configurations using Amazon Route 53 to map a custom domain. Ensured high availability and cost efficiency while leveraging AWS best practices for secure and optimized static site hosting.

cloud based-file storage :

Cloud-based File Storage System: Build a cloud-based file storage system where users can upload, download, and manage files. Use AWS S3 for storage and AWS Lambda for serverless functions.

Buddy Application using Java

using java swings and Graphical user interface we bulit a Buddy Application. which connect the user for collabrative tasks.

Tic Tac Toe using python

Tic TacToe using python by using lists and loops conditionals string manipulations and functions which game allows to players to play on computer