Venkata Rahul Chinta

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GITHUB | PORTFOLIO | LINKEDIN

EDUCATION

SAINT LOUIS UNIVERSITY   May 2025
MASTER OF COMPUTER AND INFORMATION SCIENCES   Saint Louis, MO

VISHNU INSTIFUE OF TECHNOLOGY   May 2023
BACHELORS IN ELECTRONICS AND COMMUNICATION ENGINEERING   Bhimavaram, India

EXPERIENCE

AFFINIDI | WEB DEVELOPER INTERN   Bengaluru, India | Oct 2021 – Dec 2021

- Guided a team of four junior developers during an Affinidi internship, fostering a collaborative environment that resulted in zero code merge conflicts and the delivery of a high-quality, fully tested Issuer VC web application.
- Constructed core modules of Issuer VC web application using Python and integrated RESTful APIs, ensuring seamless data flow and reducing data retrieval time by 20% for internal teams.
- Established a comprehensive Git branching strategy and code review process that reduced code merge conflicts.

AICTE | AI-ML VIRTUAL INTERN   Remote | Mar 2022 – May 2022

- Gained hands-on experience in deep learning techniques and natural language processing, improving model accuracy.
- Developed and optimized data visualization tools using Python and scikit-learn, reducing processing time.

COGNIZANT PVT LTD | MULTI-CLOUD INTERN   Chennai, India | Feb 2023 – Apr 2023

- Gained hands-on experience in Multi-cloud environments, collaborating effectively with cross-functional teams to identify and solve technical challenges.
- Improved system efficiency, contributing to the optimization of technical solutions.

SKILLS

PROGRAMMING LANGUAGES	Python, Java
LIBRARIES/FRAMEWORKS	JavaScript, React, Shell Scripting (Bash, PowerShell), Numpy, Pandas
TOOLS / PLATFORMS	Git, VS Code, AWS, Jenkins, Docker, CI/CD GitHub Actions
DATABASES	SQL, MongoDB

PROJECTS / OPEN-SOURCE

E-COMMERCE DEVOPS IMPLEMENTATION | LINK   AWS | Docker | Terraform | CI/CD GitHub Actions

- Implemented DevOps practices such as containerization, Container orchestration, Infrastructure as Code and CI/CD for a demo E-commerce project.
- Experience implementing DevOps practices on multi micro service architectured applications.
- Strong knowledge on Infrastructure as Code using Terraform.
- Implemented an EKS cluster creation with in VPC using Terraform modules.
- Implemented CI/CD for a Java based microservice using GitHub Actions and Argo CD to achieve a single touch end to end automation.
- Good Understanding of AWS cloud and experience using AWS networking concepts like VPC and Load balancers.

Exposing the Frontend securely to the external users by mapping the Route 53 DNS nameservers with the Domain provider.

GITHUB JIRA AUTOMATION USING PYTHON | LINK   GitHub | Python | Jira

Strong understanding of GitHub webhooks and how they can intergrated with Python Flask application. Experience using the Python to trigger JIRA APIs and create a JIRA ticket up on the webhook invocation. Achieved eciency to reduce the manual JIRA ticket creation.

CERTIFICATIONS

- Docker Foundations Professional Certificate - LINKEDIN
- Career Essentials in GitHub Professional Certificate - LINKEDIN
- Certified in Problem Solving (Intermediate) - HACKERRANK
- AWS Academy Cloud Architecting - AWS ACADEMY
- University of Michigan, Python for Everybody Specialization - COURSERA
- University of Washington Business, English Communication Skills Specialization - COURSERA

HONORS & AWARDS

- SIH (Smart India Hackathon) - 2022 Finalist