Chandan Kumar

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Summary

A software professional with 6.7 years of experience in software development having expertise in Python and AWS with good working experience of agile SDLC.

Skills

- Python
- AWS
- Ansible
- Docker
- Git
- RESTFul

- ServiceNow
- MongoDB
- Nagios/Shinken
- PostgreSQL
- Git
- Linux

- Jenkins
- Elasticsearch
- Kibana
- Logstash
- RabbitMQ
- ADO/TFS

- Luigi
- Celery
- Postman
- Agile
- Boto3

Certification & Achievements

- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- PCAP – Certified Associate in Python Programming
- PCEP – Certified Entry-Level Python Programmer
- StackOverflow active contributor.
- Top employee performer in Cognizant Technology Solutions and Philips India Pvt Ltd.

Education

Biju Patnaik University of Technology, Odisha   **2009 - 2013**
Bachelor of Technology, Information Technology, 77.6%

DAV Public School, Ranchi   **2007 - 2009**
Higher Secondary, 70.4%

Experience

Senior Cloud Engineer | Thomson Reuters India Pvt. Ltd - Bengaluru, KA | Dec 2018 – Present
Project: CCoE Landing Zone
Summary: We AWS CCoE team are responsible for building the best practices, governance, and frameworks that the rest of the organization leverages when implementing systems on (or migrating systems to) the cloud. We are responsible for roles and permissions, cost governance, monitoring, incident management, developing a security model, multi-account management, managing golden images, asset management, business unit chargebacks and reusable reference architectures.
Roles and Responsibilities:

- Identity management.
- Account and Cost management.
- Asset management/tag management.
- Reference Architectures.

Senior Software Engineer | Amadeus Software India Pvt. Ltd - Bengaluru, KA | June 2018 – Dec 2018
Project: Channel Protocol Adapter
Summary: The objective of this project is to develop an application which can replace an obsolete system BART. As part of which CAP needs to take XML from different channels and transform that to Json. So that CRS can respond back with proper data.
Roles and Responsibilities:
- Develop application code for Python programs.
- Develop, test, implement and maintain application software.
- Recommend changes to improve established Python application processes.

Senior Software Engineer | Philips India Pvt Ltd - Bengaluru, KA | December 2016 - June 2018
Project: IDM Monitoring
Summary: IDM is a monitoring solution for IT infrastructure & application to support uptime. IDM also helps in remote monitoring and event detection. This framework is also used for Configuration management, Automated Software Distribution, Deployment Orchestration and Assert Management. IDM has three components, Nebuchadnezzar, Vigilant and Portal.
Roles and Responsibilities:
- Develop application code for Python programs and take part in software and architectural development activities.
- Guide junior team mates to adopt best solution for their use cases.
- Design, implement, develop, test, implement and maintain application software.
- Discuss the requirements with global teams and work on that.
- Identify production issues and fix that ASAP.

Program Analyst | Cognizant Technology Solutions - Bengaluru, KA | November 2013 - August 2016
Project: Accident Risk Prediction (ARP):
Summary: The key objective of this project was to develop an application to predict that if any Singapore Mass Rapid Transit driver will meet with any accident in the next 6 months. The entire work-related details of 2000 drivers were analyzed using Python, Machine learning, AWS and MS-SQL Server to arrive at the final prediction.
Roles and Responsibilities:
- Setup environment for development.
- Develop application code for Python programs.
- To take part in software and architectural development activities.
- Design, implement, develop, test, implement and maintain application software.

Project: Predictive Auto-Ordering System (PAOS):
Summary: Predicting the daily requirement of re-sellers based on HML algorithm was the objective of this project. The entire ecosystem of resellers governing the day to day market demand and supply criterions of perishable goods was the database that was analyzed using Python, Machine Learning and RabbitMQ.
Roles and Responsibilities:
- Setup environment for development.
- Develop application code and take part in software and architectural development activities.
- Design, implement, develop, test, implement and maintain application software.