ANUPAM MAJHI

Principal DevOps Engineer @ First American India | ITIL v3 | PGD ML & AI | B.E. Computer Science

9+ years of experience in delivering high-availability, scalable, data-driven solutions to Design, Develop and Automate IT Infrastructure in Cloud and on-prem datacentres using DevOps practices.

Experienced in DevOps (CI/CD solutions), Cloud (AWS, Azure), Process Automation, Data Management and Analysis. Skills include Programming (Python, NodeJS, PowerShell, C#, SQL, JS, Bash, Cloud, IaC), and Problem Solving.

Passionate about writing high quality code, with interest in latest technologies. A Data Science, ML and AI geek.

⊙ Bangalore, IN ☎ +91 8088421654 ✉ majhi.anupam@gmail.com

WORK EXPERIENCE

Principal DevOps Engineer, First American India, Bangalore   July 2019 – Present

- Design and Development of Account Vending Machine for multi-Cloud environments.
- Implemented CI/CD pipelines for deployments for AWS and Azure Cloud automation.
- Implemented highly available, automated Infrastructure as Code utilizing Terraform, Docker, Kubernetes, Ansible, Jenkins, Git in both on-premises & multi-cloud environment.
- Implemented monitoring with CloudWatch, CloudTrail, Kinesis, SolarWinds.
- Experience in Python, NodeJS, PowerShell, Bash and other languages & platforms.
- Disaster Recovery workflow automation and orchestration and RPA.
- Developed Automation Portal for process automation of infrastructure operations utilizing C#, AngularJS, SQL and DynamoDB, NodeJS, Python.
- Developed API utilizing C#, NodeJS, API Gateway, MuleSoft and other supporting techs.

Senior Engineer, HCL Technologies, Bangalore   April 2016 – July 2019

Client: Volvo, Leo Pharma and Techem
- Design, Develop and Manage Automated Shared Cloud Services (Azure, AWS, OpenStack).
- Data Storage/Backup Failure prediction & reporting for capacity and backup issues.
- Integrated monitoring infrastructure and developed portal for SLA report generation.
- Automate request from ServiceNow to the process of delivering a platform.
- Automated server delivery process to reduce delivery time from 2 weeks to 1 hour.

Engineer (Corporate Process & IT), Volvo, Bangalore   August 2013 – March 2016

- Predictive Analysis based on space usage data to predict space capacity issues.
- Built with Python, PHP and Postgres to predict capacity issues for storage and backup infrastructure based on historical infrastructure and usage data.
- Improved Capacity Management to reduce issues by 60% with the model.
- Predictive Model and Dashboard, improved accuracy of existing system to 81%.
- Developed custom portals for various reports and dashboards.
- Worked with Apache and IIS servers along with Microsoft's System Centre suite including SCOM, SCCM, SCO.

EDUCATION

2019   PG Diploma in Machine Learning and AI
Indian Institute of Information Technology, Bangalore | **CGPA** 3.35/4

2018   PG Diploma in Data Science
Indian Institute of Information Technology, Bangalore | **CGPA** 3.8/4

2013   B.E. in Computer Science & Engineering
KSIT | Visvesvaraya Technological University, Bangalore | **Score** 70%

ACHIEVEMENTS

- Best Performer - Annual Award 2021 (First American India)
- Orange Garage Annual Awards 2020 - Top Idea (First American India)
- FAI Best Performer - Quarterly Award (2020)
- VOLVO Competence Excellence Award (2015) for display of leadership and competence.
- Technical paper on "Cloud Computing Without Traditional OS" published in International Journal of Advanced Technology & Engineering Research (IJATER)
- All India Rank 25, in 9th KVS Mathematics Olympiad and State rank 6.

KEY SKILLS

Programming and Scripting
Python, PowerShell, SQL, Bash, HTML, CSS, JS, ReactJS, AngularJS Golang, C#, Java, R Programming MySQL, PostgreSQL, DynamoDB, Data Structures and Algorithms

DevOps and Cloud
AWS, Azure DevOps, Docker, Kubernetes, Chef Inspec, CI/CD, Jenkins, Git, CodePipeline, IaC, Terraform, CloudFormation, Ansible, DSC, Lambda, SQS, Serverless Architecture, Microservices, Artifactory, Maven, SonarQube, Veracode, Databricks, DevSecOps, ELK

Platforms and Servers
AWS, Azure, On-premise Datacentres Linux, Windows, System Centre

Visualization
Tableau, Kibana, R, Python

RPA & Process Automation
MS Orchestrator, Azure Automation, Windows Azure Pack, UiPath

Machine Learning
Data Modelling, Regression, Classification, Clustering, Decision Trees, Deep Learning Natural Language Processing (NLP)

Big Data / Hadoop

Statistics & Exploratory Data Analysis

LINKS

in Linkedin.com/in/anupammajhi

⌗ Github.com/anupammajhi

🌐 AnupamM.com