SANDEEP GOPI

Email: [1318.sandeep.gopi@gmail.com, Tel: (+44) 7780211963](mailto:%201318.sandeep.gopi@gmail.com,%20Tel:%20(+44)%207780211963)

Glasgow G5 8AL United Kingdom

Profile

* Over 9.5 years of professional experience in DevOps, Agile Software Development methods.
* Significant customer, application and technology knowledge combined with a commitment to customer solution, results, and achieving business goals.
* Fast learner who adapts quickly to new challenges, markets, technologies and ideas.
* Splunk System Administrator Certification
* Accenture Certified Devops Professional. SC Cleared Professional

Previous Roles

**Date Employer Industry Position**

Aug 2018-

Present

May 2015 – Aug 2018

May 2013- May 2015

JP Morgan Chase & Co Banking Senior Devops Engineer

Accenture Public Sector: HMRC and DWP Devops Engineer

CGI Energy & Utilities Leading Engineer

October 2012- May 2013

ThinkWhere (Formerly Forth Valley

GIS)

Geographic Information

Systems (GIS)

Software Developer

May 2012-

September 2012

FARE Scotland Non Profit Database Administration

August 2011 – March 2012

Innovative Solutions Consultant

Consultancy Software Developer

June 2010 – September 2010

Aug 2007- Feb

2009

Aberdeen City Council Government Website designer

Aadhityaa Infomedia Solutions Consultancy Software Developer

Key Skills

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **DevOps**   | Jenkins, Bitbucket, Git | **Languages**   | Java | **DBMS**   | Oracle DB | **Tools**     | JIRA |
|  | Puppet, Ansible |  | PL/SQL |  | Sybase |  | Confluence |
|  | AWS EC2,ECS, Cloud formation, S3 |  | C#.net |  | MySQL |  | Virtual Box |
|  | ELK, Splunk |  | Linux |  |  |  |  |
|  | Docker |  |  |  |  |  |  |

Key Experience

**JP Morgan Chase & Co Senior DevOps Engineer**

* Currently working on migrating our applications to the Cloud
* Developed Splunk metrics for all the required systems in the production environment
* Identified the SRE (Site reliability engineering) signals relevant to the Software system and implemented an automated Pipeline to proactively resolve these issuess
* Worked on setting up a tracking mechanism to trace valuable details for each live trade entering the system and until the point it is sent to the Client.
* Setup monitoring features within the project using Appdynamics
* Implemented steps to carry out health checks to identify performance metrics. This helped improve availability and reduction of down time. Worked on the QA Automation process to reduce time to deploy into live

**Accenture DevOps Engineer At HMRC and DWP**

* Automated checklists which are sent to Fujitsu for executing DIs on a day to day basis. (This saves considerable amount of time spent on manually processing of the documents).
* Automated Rollout emails (using Web UI) sent to the Client for executing DI exercises. Worked independently to develop the online tool to store and retrieve most of our work information.
* Generated statistical graphs and reports, which are being used by the management for monitoring and decision making. Worked on setting up a full stack using AWS and upskilled a group of 25 employees to use this environment as a Cloud based service.

**Analytics Using Web UI [Used ELK and Java]**

* Worked on developing a monitoring tool for Servers and applications.
* This involved getting metrics (such as CPU performance, memory usage, disk spaces, Server health etc.) in real time.
* Have set up alerts using Elastic search, so that users can be aware when critical limits are reached.
* Worked on predictive analytic graphs. This helps in planning and making informed decisions.
* Worked on archiving data [Elastic pipeline aggregation] to condense and improve search efficiency.
* Received excellent feedback from Manager for the work done.

**CGI Leading Engineer (Developer using current DevOps Tools and methodologies]**

Worked in the Smart Data Service (SDS) Project, which is the UK’s first multi-client smart metering head-end service.

 Resolved technical issues within a short span of time that helped receive an appreciation email from the Client –EDF.

 Proactively investigated and debugged live system issues. Successfully worked in identification, assessment and mitigation of risks which helped maintain smooth operation of the system, eliminating the need for an outage.

Worked in an Oracle to SAP Data Migration Project

* The work was in a client facing environment that required solid verbal, written, analytical and organizational skills
* Received appreciation from the Project manager for facilitating the execution of all

PL/SQL financial modules by creating a wrapper script.

Received excellent Client feedback for my organizational and technical capabilities.

Worked on-site in a major System Upgrade for the Client. This involved:

 Working diligently as part of a team to migrate Client’s Accounting System from EFA to Gregorian calendar. Worked off hours to complete development before the Client’s given deadline.

 Successfully migrated their software modules to Dot net 4.0 (as part of Client’s upgrade from Windows XP to Windows 7) within timescale.

**ThinkWhere Software Development – Software Developer for the Forth Valley Councils**

 Worked proactively and as part of a team (using Agile methodologies) in developing

Software as a Service (SaaS) Tool namely ‘Location center’. It comprises of features such as Web GIS, Web Publishing, Web Services and Data-store.

 Successfully completed one of the complex tasks of migrating UK soil representations [from an Oracle 10g to Postgres Relational database]. This project helped significantly reduce operation costs for the Forth Valley Councils.

**FARE Scotland Database Administrator**

 Designed and developed a database application to help improve the organization’s management of funds and community projects, following the Agile model.

* Received appreciation from the management for: multitasking, hosting the database on the cloud and delivering the product that caters to the requirements.

**Innovative Solutions Consultant**

**(Umbrella Company)**

**Aadhityaa Infomedia Solutions**

**Software Developer - SAP MDM Catalogue Implementation**

* Accurately implemented Client suggested Punch out catalogue (containing Supplier’s required attachments and images).
* The final product delivered was able to cooperate with SAP strategy for a cost effective IT operation.

**Software Developer**

A Fast and Memory Efficient Data Mining and Analysis:

 Developed and implemented a tool to capture information about online users who accessed the Client’s website.

 Automated the store of permissible user details such as the website which directed them, the browser used, geographic location and time of day. These were programmatically rendered into graphical reports, to improve analysis and online marketing.

B Database Migration Tool:

 Successfully developed an application to migrate data between an SQL Server, Oracle DB and MS Access DB. This process is implemented by: converting raw data to intermediate XML documents and customizing them for the desired DB.

Qualifications

 M.Sc: Information Engineering, Robert Gordon University.

 B.Tech: Information Technology, Anna University

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Extra-Curricular Activities (Recent Ones)

• Received an award from Senior Delivery Manager for implementing continuous improvements in the project

• Received award from Team Lead for automating several tasks in the team and improving the workflow process.

• Received an award for independently fixing and resolving issues on the Accenture Java training platform hosted on AWS

• Received an award for excellent management and organizing material relevant for New Members joining the Project at Accenture

• Ranked within the 13 best employees at Accenture Newcastle and Nominated for the Technical Excellence award, (Out of 850+ employees) in 2016.

(All award certificates available on request)

• Received recognition badge for collaboration and contribution within Accenture Global.

• Migrated Website content for Age UK to a new platform compatible for mobile devices

• Organized and taught PHP and MySQL within the Code club group for junior staff at Accenture.