Ghosh R

Data Engineer, 4+ years experience
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Experienced IT Professional with 4 years experience in development and support. I am adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

INDUSTRIES: Communications and Media, Consumer Goods and Services

TECHNICAL SKILLS

• SQL Server	4 years
• Pandas	4 years
• Postman	2 years
• Docker	2 years
• Django	1 years
• Flask	1 years
• NestJs	1 years
• PostgreSQL	1 years

SOFT SKILLS

Problem-solving, Teamwork, Communication, Critical thinking

PROJECT DETAILS

• Email Notification Report July-2019 - October-2019

Project Description: The project requirements were to build the frontend for a notification report for the client's email.
Responsibilities: Use the server side web framework Django to build the following features: 1. Build a template for Email Notifications and bind the data to the template using Jinja. 2. Create Restful API using the Django Rest Framework. 3. Create Documentations for the installation of the framework on Ubuntu and Windows operating Systems.
Technologies: Django
Industry: Communications and Media

• Migration of systems April-2020 - November-2022

Project Description: Migration of our sales department CRM system from an older outdated system to a newer stream lined system.

Responsibilities: Salesforce Automation Software (WinitSFA) Roll out • Installation and configuration of the software for over 200 tablets used by the sales team for invoicing and stock management. • Migrating old Salesforce Automation system (BMBSFA) which used scheduled data synchronization with the new software (WinitSFA) which used live data synchronization • Set up mobile device management (SOTI) to the tablets to remotely connect to devices, online upgrades to new builds, store tablet details and track tablets via GPS tracking. • Set up journey plans, customer accounts, routes, salesman accounts on the front-end portal. • Coordinated with development team to help improve the software by KA testing and identifying issues • Ensure the functionality, usability, and performance of systems meet business needs. • Prepare documents and training for the sales team to effectively use the software for invoicing and stock management • Successfully rolled out the software for all the regions in UAE within 3 months.

Technologies: CRM and android devices

Industry: Consumer Goods and Services

EMPLOYMENT HISTORY

• Software Support Engineer December-2022 - October-2023

Description: Footfall count comparison between the device and back-end database • Worked with Python for automating data-related tasks, including FTP server data retrieval and JSON, CSV file generation. • Used tools such as Jupyter Notebooks to to test and execute Python scripts related to data extraction, transformation and loading (ETL) processes. • The data Quality of the footfall counts improved due to the validation and automation. Data Validation between SQL and NOSQL Databases for footfall counts. • Validation scripts written in python was used to gather data from PostgreSQL and MongoDB • Keeping both the databases in sync using Python and SQL Scripts. • Improved the data Quality and consistency of data between the two databases API development and testing • Developed RESTful API using NestJS for back-end services. • Familiarity with designing API, handling requests, and managing data flow. • Proficient in testing API endpoints using Postman to ensure functionality and reliability. • Testing new features on both front-end and back-end software. • Improved the Quality, efficiency and accuracy of the API developed.

• IT Support Engineer April-2020 - November-2022

Yaumi International Bakeries LLC

Description: Salesforce Automation Software (WinitSFA) Roll out • Installation and configuration of the software for over 200 tablets used by the sales team for invoicing and stock management. • Migrating old Salesforce Automation system (BMBSFA) which used scheduled data synchronization with the new software (WinitSFA) which used live data synchronization • Set up mobile device management (SOTI) to the tablets to remotely connect to devices, online upgrades to new builds, store tablet details and track tablets via GPS tracking. • Set up journey plans, customer accounts, routes, salesman accounts on the front-end portal. • Coordinated with development team to help improve the software by KA testing and identifying issues • Ensure the functionality, usability, and performance of systems meet business needs. • Prepare documents and training for the sales team to effectively use the software for invoicing and stock management • Successfully rolled out the software for all the regions in UAE within 3 months. Active Directory Management and Software Installation • Set up email accounts for the staff employees in the A9ure Active directory • Migrating on-premise active directory (Windows Server) to the cloud based active directory (Microsoft Azure Active Directory) • Create desktop and laptop details on the ManageEngine Active Directory. • Set up and resolve network issues using the on-premise active directory (Windows Server) • Installing and configuration of software such as Office365, Salesforce Automation software for reporting, OneDrive and many more applications required by the staff. • Better organization and tracking of all the company assets and software. Database Management (SQL Server) • Analyzed data to identify and resolve system issues and generate management reports. • Created scripts to help create, read, update and delete records related to sales invoice and stock management • Improved database performance, log tracking and Quality of data stored.

• Django Developer July-2019 - October-2019

BNC Industry Networks

Description: Use the server side web framework Django to build the following features: 1. Build a template for Email Notifications and bind the data to the template using Jinja. 2. Create Restful API using the Django Rest Framework. 3. Create Documentations for the installation of the framework on Ubuntu and Windows operating Systems.

• Customer Experience Reseacher Intern July-2017 - August-2017

IBM

Description: Explored markets for different products available in the market in the following field 1) Digital Payments 2) Augmented/Virtual/Mixed Reality Technologies Prepared presentations and reports on the products using the above technologies. Gathered reviews and intel on the products success in the market

CERTIFICATION

• CCNA Routing and Switching:Introduction to Networks by CISCO 2016

• IT Essentials by CISCO 2016

EDUCATION

• Masters degree in Computer Science from Heriot Watt University 2019 - 2020

• Bachelors degree in Information Systems and Management from Manipal Academy of Higher Education 2015 - 2018

LANGUAGES

• English - advanced

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