Siddharth Desai

Bridgewater, NJ 08807
shdesai118@gmail.com
908-883-0191

Education

New Jersey Institute of Technology, Newark NJ, Bachelors in Computer Science, 2015
University of Denver, Denver CO, Full Stack Developer Certificate, 2023

Skills

Ability to work in Java, HTML, CSS, Python, PHP, C++, C#, .Net Framework, SQL and Bash Scripting

Work Experience/Projects

PSEG, Newark, NJ

Technology Engineer   October 2021 – Present

Project: RPT
- Lead designing the architecture and migration of current workflows into Workiva
- Made sure to follow all security protocols and best practices such as PGP, s3 buckets, firewall changes, JAMs(SFTP) and DMZ
- Documented all work and created knowledge transfer documentation for management.

Project: Atlassian Confluence Upgrade (TheSource)
- Lead the upgrade for theSource with no previous knowledge or training
- Manage to discover all legacy documents from internal repos.
- Renewed all expiring certs
- Built a working Test environment for vendors to leverage to roll out to the upgrade to prod.

Project: Sitecore MyAccount
- Server Health checks
- Knowledge transfer for layer 7 and code infrastructure
- Discovered incoming request from restricted nations
- Help facilitated front-end develop on Q/A which was rolled out to Prod

PSEG, Newark, NJ

Associate Technology Engineer   October 2019 – Present

Project: Filenet- ECM
- Full application support and server maintenance of Enterprise content management environment, which includes Roxi, BPF, Guidance link, and Sox.
- Researching and facilitating the development of new ECM approaches driving process improvement and techniques for successful implementation as required as well as monitoring, auditing, troubleshooting, and updating functions for ECM software, systems or products
- Uploading content and documents in ECM systems and ensuring their compliance with applicable quality and approval standards
- Assisted in data migration from existing ECM environment to IManage
- Implemented and tested changes, patches and upgrades in Dev, Q/A environment and scheduled for rollout to production
- Ad-hoc troubleshooting for incident management via service now and maintain issues within PSE&G SLA standards
- Handle Routine daily Server Health check and server patching as well as server/application validation
- Lead and implement renewal all test/prod certs
- Left documentation on how to clean venafi and WAS consoles
- Lead discovering all indicators for filenet upgrade.

Project: Filenet - McLaren
- Full application support and server maintenance of McLaren Enterprise Sweep while collaborating with multiple IT teams for server patching
- Implemented, tested changes, new builds and upgrades in Dev, Q/A environment, and scheduled for rollout to production
- Work on adhoc incident management for McLaren issues with inside/outside plant engineers helping resolve complex McLaren issues
- Create a biweekly McLaren report from ServiceNow and send out to Mclaren LOB's for analysis
- Facilitate with Mclaren installation, Microstation configurations and Microsoft office integrations
- Work with Vendors regarding application related issue and upgrades
- Run LDAP reports via Softerra for Access Management
- Lead and implement renewal all test/prod certs
- Left documentation on how to clean venafi and WAS consoles
- Lead discovering all indicators for filenet upgrade.

Project: IManage
- Lead full SDLC from requirement gather to migration of existing document management system (share drives and ECM) to IManage

- Lead gathering user's system data using SCM
- Wrote powershell script to gather all metadata in network drive
- Help build and deploy/test two AWS servers
- Deployed AD synch from PSE&G into IManage Cloud environment

Project: Axway
- Full control over SFTP accounts and jobs in Axway
- Worked with end users to configure new accounts and schedules
- Troubleshooted ad-hoc issues such as mount points breaking, server maintenance and performing one time pulls
- Imported to PGP keys and renewed server certificates
- Supported Migration of all accounts/jobs from Axway to JAMS

Tiger Advisory Associates, Parsippany, NJ
Business Analyst   January 2019 – October 2019
- Worked in an Agile functional environment for planning, estimation & developing and maintaining version control across multiple teams of software developers and business for the implementation of several applications
- Involved in various phases of Software Development Life Cycle (SDLC) of the application including Requirement gathering, Design, Analysis, Code development, and testing
- Developed and wrote business requirement strategies through implementation rules for best practices. Reviewed and interpreted vendor due diligence controls with best practice fundamentals supporting control documentation
- Authored business and functional requirements for platform implementations including resource management and conducted quality testing while configuring the tool to match the organizational needs. Responsible for obtaining sign offs throughout the process of amending the tool, ensured workflows were compliant with best practices, and concluding the implementation
- Maintained test plans, defect tracking and responsible for test deliverables, status reporting, issue escalation and defect trend analysis. Created a metric to measure completion and presented bi-weekly to management

Lockheed Martin, Mt Laurel, NJ
Systems Engineer (Active DoD Clearance: Secret)   January 2016 – December 2019
Project: Synthetic Combat Operator Trainer
- Supervised Computer Supports for Integration and Testing to provide a set structure for data organization
- Created Technical memoranda that provided functional requirements and system design for implementation
- Presented and created documents for system performance analysis in order to meet cost reduction target
- Established customer requirements and designed system functionality to further enhance products
- Provided flows and structures within the system using message processing and system modeling
- Tested the system and presented demos to customers to explain functionality and overall purpose
- Supported various test shots to reassure high product quality
- Developed high system level structure models to enhance the current state to increase system efficiency

Software Engineer (Active DoD Clearance: Secret
Project: Automated Regression Testing/Cross Product Team – (2016 – 2018)
- Relay communication between system and software engineers during scrum meetings
- Interfaced with clients of the automation and software teams to define system requirements
- Developed new automation tools and procedures to test Aegis Weapon System components
- Facilitated in creating an automated locating tool using computer vision techniques and robot framework
- Set up a virtual environment using Virtual Box and Vagrant to run automated test on a Jenkins Server
- Adapted rapidly to new operating and development environments that utilized Red Hat Linux, Python, Sikuli, Virtual Machines and shell scripting
- Created a Test Driver in Python that used keyword testing to Map to the correct Test
- Created Desktop Procedures and project artifacts for future and fellow Engineers to reference
- Lead in creation of automated test and helped analyze the pros and cons of cost

Project: Synthetic Combat Training Simulator (SCOT) – (2016 – 2018)
- Developed, tested, and integrated both front and back end modules for the SCOT project using
- Utilized Windows in the heavily team-based and agile development environment of SCOT a large-scale project, which included the use of Netbeans, Visual Studio, and ClearCase and Jira
- Developed Front-End Tools using Java Swing
- Helped in the migrations from Java 1.7 to Java 1.8
- Developed complex testing scenarios and applications in C++
- Created and optimized a multitude of tables, views and queries SQLyog
- Helped pinpoint build errors using the Netbeans debugger, Log Files and Datashark
- Worked with system engineers to generate V&V and specification documents

- Designed and Documented new functionality using UML diagrams and peer reviews
- Additional responsibilities included setting up, upgrading, and maintaining servers for running automated integration tests