SOHIL SODHIYA

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Professional Synopsis

- Senior Member of Technical Staff at **VMWARE** working in Cloud Provider Software R&D Business Unit.
- **8+ years** of experience in IT Industry as a Full Stack Developer
- Experience in full software life cycle development involving development, deployment, testing, documentation, implementation & maintenance of application software in Web-based environment.
- **3 Months Onsite Experience worked for MTN, Guinea, Africa.**
- Expertise in development of Inter / Intranet applications using J2EE specifications (**JAVA, PYTHON, SPRING BOOT, SPRING CORE, SPRING MVC, HIBERNATE MICROSERVICES, RESTFUL WEB SERVICES, JUNIT, ANGULAR 4/6/8, JSON, XML, Multithreading, Concurrency, Reflection, Serialization**, **Design Patterns, DS & Algorithms**).
- Development of applications using authentication libraries and technologies like Oauth2.0. ,SSO.
- Good Knowledge of Markup Languages: HTML5, **CSS**, **Bootstrap**
- Good Knowledge of Java Automation using TestNG, Selenium Web driver 2.0/3.0, Selenium Grid, JUnit, Coded UI, BDD.
- Experience in DevOps Tools - Docker, Kubernetes, Jenkins CI/CD, **GIT**, **SVN, GitHub, Bitbucket**
- Experience in Reviewing Code, giving Training to team member & taking Interviews
- Experience in creating project from scratch
- Experience in Design, Development, Testing, Migration and Production/Customer Support
- Identify the opportunity to automate different tasks.
- Experience in Scanning tools **SonarQube**
- Experience in **Redis cache** & **Zookeeper** for high-performance service for building distributed applications
- Experience in **Nginx Load Balancer**
- Experience in **Kafka Messaging Queue/System**
- Experience in building tools like **Maven, Gradle**
- Good Knowledge of **MongoDB, MYSQL.**
- Experience in parsing files **CSV, XML**
- Sound Knowledge of **Unix Shell Scripting**
- Sound knowledge in **AWS S3 bucket, Nexus cloud.**
- Experience in deployment/software tools **Putty, WinSCP, FTP, Full Story, Segement.io**
- Experience in development tools **IntelliJ, Eclipse, STS, Visual Studio Code, PyCharm, Spyder, Jupiter Notebook.**
- Exposure in bug & issue tracking tools - Jira & Jira Service Desk.
- Did Enterprise Federation for various customers using AD, ADFS, Okta, etc.
- Direct client interaction and requirement gathering
- Experience in directly engaging with customers and building relationship.
- Strong domain knowledge in **Public** & **Hybrid Cloud (VMWARE CLOUD ON AWS), Telecom, Case Management.**
- Basic understanding of **Machine Learning Algorithms** like Linear Regression, KNN, Naïve Bayes, Logistic Regression, Neural Networks, etc.
- **Understanding of Python libraries - Pandas, Scikit learn, NumPy.**

Experience

VMware   **August 2018 - Present**

Senior Member of Technical Staff

Project - CLOUD SERVICES PLATFORM(CSP)
The VMware Cloud Services **SaaS** Platform lets you develop, manage, and maintain cloud services by offering you consistent infrastructure and consistent operations. You can create and manage as many as you want cloud services and combine them in a portfolio using the same working environment. Users of your services can connect to and run the services as their apps in a secure environment on any device.

Roles & Responsibilities / Significant Highlights:

- Involved in Analysis, Design, Review, Coding, Unit Testing, and bug fixing.
- Sprint Planning, creating Sprint wise Task Stories.
- Direct interaction with the client and involved in giving demos of the requirements in the intermediate stages of project development.
- Prepared various confluence pages for team members for better understanding and handling of application and supporting tools.
- Application Maintenance, Configuration, Build and Release Management.
- Developing New Enhancements.
- Technical Support, Production issues.
- Client Communication and Post Production Support.
- Update Jira Task, Tracking Bugs
- Update technical knowledge base articles
- Identify the opportunity to automate different tasks.
- Identifying product defects and using proper escalation procedures to have the issues addressed

Tech Mahindra
Senior Software Engineer   **Nov 2016 – Aug 2018**

Project - Acumos/Cognita_AT&T (R&D Project)-

Acumos is a platform which enhances the development, training, and deployment of AI models. Its purpose is to scale up the introduction of AI-based software across a wide range of industrial and commercial problems in order to reach a critical mass of applications. In this way, Acumos will drive toward a data-centric process for producing software based upon machine learning as the central paradigm. The platform seeks to empower data scientists to publish more adaptive AI models and shield them from the task of custom development of fully integrated solutions.

Roles & Responsibilities / Significant Highlights:
- Constant interaction with clients for requirement gathering on behalf of entire team.
- Direct interaction with the client and involved in giving demos of the requirements in the intermediate stages of project development.
- Mentoring, ramping up team members and new joiners by providing various KT sessions.
- Prepared various documents for team members for better understanding and handling of application and supporting tools.
- Participated in regular requirement and status calls with client.
- Involved in Analysis, Coding and Unit Testing and bug fixing.
- Application Maintenance, Configuration, Build and Release Management.
- Developing New Enhancements.
- Fixing QA and Production issues.
- Client Communication and Post Production Support.
- Raising Change Request for Production release.
- Update JIRA, GIT tasks.

Ericsson   **Dec 2015 - Nov 2016**
Software Developer

Project – Mobile Money-

Mobile Money is a term describing the services that allow electronic money transactions over a mobile phone. In brief it is also referred to as mobile financial services, mobile wallet and mobile payment.

Roles & Responsibilities / Significant Highlights:
- Determines operational feasibility by evaluating analysis via LLD, problem definition, requirements, solution development, and proposed solutions.
- Developing New Enhancements using java and various frameworks.
- Development of functionality specific reusable components.
- Provides information by collecting, analysing and summarizing development and service issues.
- Involved in Analysis, Coding and Unit Testing and bug fixing.
- Fixing QA and Production issues.
- Application Maintenance, Configuration, Build and Release Management, UAT Support.
- Prepared various documents for team members for better understanding and handling of application and supporting tools.
- Direct interaction with client and involved in giving demos of the requirements at the intermediate stages of project development
- Participated in regular requirement and status calls with client.

CSDC   **May 2015 - Nov 2015**
Software Engineer

Project – AMANDA 7
End Client: Canadian Universities/Court/Schools.

AMANDA is a web-based application designed to provide external agencies or departments. With the ability to access the AMANDA database through the Internet. It is integrated with AMANDA's workflow and facilitates two-way communication, saving time and money, as compared to a paper-based process.
The external reviewer can then:
- Implementation people functionality.
- Update the folder process's attachments, checklist, Email and info.

Roles & Responsibilities / Significant Highlights:
- Developed the product from scratch using java.
- Worked in People, Monitor alert & Info module

- Proper unit testing of the code.
- Client demo every week

Project – Tank Simulator, Indicator & IPMS
End Client: INDIAN NAVY.

Tank Indicator is showing the level of fuel in various tanks and the reading is shown in Analog and Digital Meters Designed in GUI. Tank Simulator send the Number of tanks and Fuel Capacity. Each Tank have its own indication i.e. Overflow, Normal or Underflow.

Roles & Responsibilities / Significant Highlights:
- Working as team member to understand business requirements.
- To Get the Real time Data from the Simulators.
- Determines operational feasibility by evaluating analysis via LLD, problem definition, requirements, solution development, and proposed solutions.
- Development of functionality specific reusable components. Provides information by collecting, analysing and summarizing development and service issues.
- Involved in Analysis, Coding and Unit Testing and bug fixing.
- Prepared various documents for team members for better understanding and handling of application and supporting tools.
- Participated in regular requirement and status calls with client.
- Direct interaction with the client and involved in giving demos of the requirements in the intermediate stages of project development.

Hike Technologies   **Nov 2012 - Nov 2013**
Associate Software Engineer

Project – Office Management System

Office Management System help collecting perfect management in detail. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Office. It will also reduce the cost of collecting the management & collection procedure will go on smoothly.

Roles & Responsibilities / Significant Highlights:
- Working as team member to understand business requirements.
- Involved in writing Action Classes and Database queries.
- Development of functionality specific reusable components.
- Provides information by collecting, analysing and summarizing development and service issues.
- Involved in Analysis, Coding and Unit Testing and bug fixing

Education

Oct,2019- May,2021
POST GRADUATION UNIVERSITY OF TEXAS, AUSTIN
Machine Learning and Artificial Intelligence

2008-2012
SIRTS, BHOPAL, INDIA

Bachelor of Engineering (B.E.), Electronics & Communication Engineering.

Honours & Awards

Received various outstanding work award from Manager in VMWARE

Received on the spot Award in Ericsson for Liberia MTN Project for developing one of the module in a very short time as per the client need.

Recognized as "Project Person of the Month" in Tech Mahindra for Predictor Project, client AT&T.

Recognized as "Project Person of the Month" in Tech Mahindra for Acumos Project, client AT&T.

Activities

Completed various Artificial Intelligence & Machine Learning projects, part of POST GRADUATION PROGRAM
Academic ePortfolio - https://eportfolio.greatlearning.in/sohil-sodhiya

Developed Slack overflow with Chatbot using MACHINE LEARNING for RADIO event organised by VMWARE to help tons of user.