

Mohammad Ali

Address: Pickerington, Ohio 43147, USA
Phone number: (614) 370-8088
Email address: Ali.Uthecar77@gmail.com
Web: <https://www.linkedin.com/in/mohammad-ali-45493458/>

Profile

Senior Site Reliability Engineer with over 16 years of experience in software and site reliability engineering. Improved system performance for the Dept. of Veteran Affairs by analyzing dependencies and identifying monitoring gaps, which enhanced reliability. Automated tasks using Java and shell scripts, significantly reducing labor hours. I bring a blend of technical expertise and business acumen to deliver impactful solutions.

Education

01/2005 – 07/2006 Dayton, OH, USA	Business Administration Masters Wright State University
01/2001 – 06/2005 Dayton, OH, USA	Computer Science Bachelors of Science Wright State University

Work Experience

11/2021 – 03/2025 Pickerington, OH, USA	Senior Site Reliability Engineer GovernmentCIO Worked with a team of SREs on improving Dept. of Veteran Affairs' vast portfolio of systems using SRE principles and practices. Responsibilities included: <ul style="list-style-type: none">• Analyzing and mapping dependencies of organization-wide systems to identify monitoring gaps and points of failure• On-Call Incident triaging support• Performance Metrics capture• Production Applications Support including support for critical health and high visibility systems• Presentations to Client Leadership on Business Process and Technical improvements.• Used Splunk ITSI's machine learning capabilities for predictive analytics and anomaly detection
10/2019 – 11/2021 Columbus, OH, USA	Senior software engineer Nationwide Mutual Insurance Member of the PolicyCenter Run Team supporting GuideWire's PolicyCenter application as part of Nationwide's Personal and Auto Insurance lines. Responsibilities included: <ul style="list-style-type: none">• Establish End-to-End Monitoring and Alerting adhering to SRE principles• Follow DevOps and CI/CD principles to automate tasks• Production Support• Incident & Problem Management• On-Call Support.
09/2014 – 06/2019 Dublin, OH, USA	Technology Consultant II Perspecta / DXC / Hewlett-Packard Enterprise Services Member of the CMMS Data Center team supporting Medicare Operations of Dept. of Health & Human Services (HHS) by providing technology solutions. Achievements included: <ul style="list-style-type: none">• Automated tasks (like password updates, pings, and agent restarts) by creating applications using Java, JavaScript and shell scripts, thereby reducing labor hours

Work Experience

and eliminating redundant activities

- Used Operations Orchestration automation tool to generate code, export and deploy applications using JAR files
- Used monitoring tools to implement observability
- Enabled Network Monitoring applications to communicate and call each other's functions by using API provided by RESTful services
- Provided on-call support and conducted Linux log analysis to determine root causes
- Participated in evaluation and selection of monitoring tools.

08/2012 – 08/2014
Columbus, OH, USA

Information Services Developer II Hewlett-Packard Enterprise Services

Participate as a member of development team on the Virginia Immunization Information Systems project supporting the Virginia Department of Health. Maintained Flood Insurance webpage for clients Liberty Mutual and United Services Automobile Association as part of the HP Flood Insurance Services project. Responsibilities included:

- Create Functional and technical design documents
- Code and unit test changes in the application
- Work with business analysts on issues discovered in testing.
- Participate in code reviews.

04/2008 – 07/2012
Columbus, OH, USA

Information Services Developer I Hewlett-Packard State & Local

Implementing the Enterprise Taxation Management (ETM) for the Ohio Dept. of Taxation and also for the KY Dept. of Revenue. Responsibilities included:

- Design, develop and debug J2EE code to implement Tax Return related processing in ETM
- Create scripts to customize ETM product
- Create ad-hoc SQL queries for data extraction
- Develop tax forms using CSS, HTML, and JavaScript
- Document processes involved in Return processing for future reference
- Create self-help documents detailing configuration steps to aid other programmers
- Write SQL queries in Oracle database to procure test data, and perform database testing
- Design user interface screens and data models for the enhancements.

Skills

– SPOKEN LANGUAGES

English

Urdu

– SITE RELIABILITY ENGINEERING

Splunk

Splunk ITSI

New Relic

Application and Network
Performance Monitoring

Incident Triaging

On-Call Support

Docker

Network Traffic Analysis

Linux Administration

MicroFocus SiteScope

MicroFocus Operations
Orchestration
(Automation)

ServiceNow

Microsoft Power
Automate

Network Diagrams

Data Flow Diagrams

Microsoft Visio

Creating and Monitoring
KPIs and Performance
Metrics

Establishing SLOs

Skills

- SOFTWARE DEVELOPMENT

Python

Java

C++

GitHub

Git

Bash Shell Scripting

Agile Methodology

Oracle SQL

PL/SQL

Postman

RESTful APIs

HTTP

HTML

- CLOUD

AWS S3

AWS Elastic Compute
Cloud (EC2)

- MACHINE LEARNING

Scikit-Learn

NumPy

Pandas

Certificates

Oracle Certified Java Programmer

AWS Cloud Practitioner

Splunk ITSI

Completed Splunk course on Splunk ITSI