
EMPLOYMENT

Software Engineer	Tata Consultancy Services (Cigna)	Oct 2019 – Present
<ul style="list-style-type: none">Created a custom automation framework for Mainframe application using Python and WC3270.Developed Synthetics to automate application health check using Groovy and ignio.Recorded transactions and managed recordings using SolarWinds.		
DevOps Instructor	DCI Resources, LLC	Sep 2018 – Nov 2019
<ul style="list-style-type: none">Taught Git workflows for version control (Source Code Management)Instructed how to Develop and maintain automated CI/CD pipelines for code deployment using Jenkins and GitLab.Demonstrated provisioning of servers and deployment of features with Puppet and Ansible.Built and deployed Docker containers for implementing Microservice Architecture from Monolithic Architecture.		
Senior System Administrator	University of New Haven	Jan 2017 – May 2018
<ul style="list-style-type: none">Continuous software development in Django web server and bug fixes using Python.Worked on maintaining the Linux infrastructure hosting the software platform.		
Research Assistant	University of New Haven	May 2017 – Jul 2017
<ul style="list-style-type: none">Executed shell scripts to batch process the data using Mapper and Reducer in Hadoop.Created a Machine Learning model using Linear regression to set a trend line for each processed data.Plotted charts for the occurrence of each type of storm in R Studio and Spyder using R and Python.		
Data Protection Engineer	Vodafone Group plc	Feb 2014 – Aug 2016
<ul style="list-style-type: none">Participated on planning, implementation, and growth of our infrastructure on AWS.Managed private cloud hosted on the VMware ESXi servers using vSphere web client.Worked in a huge backup environment consisting of 100+ backup servers and 15,000 client serves.Created Incremental (Level 1), Full and Archive Log backup policies for Oracle database using RMAN.Created Full, Incremental and Differential backup policies for Windows, UNIX and Linux client servers.		
Linux Administrator	Mphasis	Jun 2013 – Jan 2014
<ul style="list-style-type: none">Managed Red Hat Linux and VMware ESX servers.Consistently maintained 98% uptime by monitoring with Splunk services.Deployed Puppet agent, Puppet Dashboard, and Puppet DB for configuration management.		

EDUCATION

West Haven, CT	University of New Haven	Aug 2016 – Dec 2018
<i>M.S. in Computer Science, Dec 2018. GPA: 3.8</i> <ul style="list-style-type: none">Graduate Coursework: Advanced Database Systems; Artificial Intelligence; Cloud Computing; Script Programming/Python; Distributed Database Systems; Intro to Computer Security.		
Pune, MH, IN	Vishwakarma Institute of Technology	Jul 2009 – May 2013
<i>B.Tech. in Electronics and Telecommunication, May 2013. GPA: 3.5</i> <ul style="list-style-type: none">Undergraduate Coursework: Data Structures and Algorithms; Signals and Systems; Network Analysis and Synthesis; Digital Electronics and Microprocessors; Coding and Data Compression; Wireless Sensor Networks.		

SOFTWARE PROJECTS

G I T H U B :	https://github.com/faisalkhan91
<ul style="list-style-type: none">Jenkins CI-CD Pipeline: A CI-CD pipeline using Jenkins that pulls an example application hosted on GitHub and prints the result of a query to a MySQL database using PHP.NYC Bus Analysis: Analysis of school bus breakdowns and delays using pandas, NumPy and matplotlib libraries to extract meaningful information.	

ADDITIONAL EXPERIENCE AND AWARDS AND HONORS

- Tutor (2017 – 2018):** Taught computer science courses such as C/C++/Python Programming, Data Structures.
- Outstanding Administrative Staff Award, Center for Learning Resources:** Exceptional performance award.
- Member of Upsilon Pi Epsilon International Honor Society** (Since May 2018).

LANGUAGES AND TECHNOLOGIES

- SQL, Python, C++, Java, Dotnet, HTML, CSS, JavaScript, UNIX Shell Scripting (ksh/bash), Linux, Angular, Selenium.
- VMware vSphere, AWS, Docker, Puppet, Ansible, Docker Compose, Docker Hub, Jenkins, SolarWinds, Microsoft SQL