Meng Chieh Lee

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PROFILE

Software Engineer at eASPNet data center with over seven years of experience developing software using C# .NET and Python. Led company team in developing CI/CD procedures for the production of robust and easily maintained code. Main focus: automatic IaaS environment deployment, monitoring, backup, and disaster recovery services; helping companies to transform from data centers to cloud service providers.

SKILLS & INTERESTS

- **Programing Languages:** C#, .NET , Python, MS-SQL, Javascript, Powershell, Redis, Extjs 6.0
- **Dev Tools/Frameworks:** Vmware, Git, NUinit, Jenkins, GitLab, Selenium, Flask
- **Platform**: Docker, AzureAD, RabbitMQ, InfluxDb, Terraform
- **Dev Principles:** REST, CI/CD, Agile

PROFESSIONAL EXPERIENCE

eASPNet, Software Engineer ***May 2016 – Present***

- B2B Sales Platform
  - Achieved a cost savings of $90,000 per year and reduced deployment time by 70% by developing an automated system that replaced VMware Orchestrator's dependencies.
  - Generating 40% of income by providing a high RESTful web API using Python, Flask, MS-SQL, Redis, and a load balancer to third parties.
  - Reduced human error through: leading development team in communication with Sales Department to determine requirements; using .net MVC, MS-SQL, Reddit to develop B2B IaaS sales platform; importing VMware Orchestrator services; assisting Maintenance and Operations Department's fully automated deployment of IaaS.
  - Increased network services revenue by 10% by designing a network traffic monitoring system which can handle a QPS of 160,000 by using InfluxDB, ntopng.
  - Fully automated UI testing with Selenium test scripts.
- Enhanced Website Performance
  - Reduced average case processing time by 30% by integrating ERP platform and creating mobile web services
  - Increase website performance 15% by migrating from .net Framework to Core architecture using YARP Proxy
- B2C Sales Platform
  - Integrated VMware Vcd and Operation information, allowing users to access IaaS Disaster Recovery status on single website whilst providing periodic services settings including backup, snapshot, and power status
  - Integrated Veeam and VMware services using C# to create B2C sales platform, allowing end users to purchase IaaS, Load Balancer, Backup, and disaster recovery services
  - Accepted nsx-t Load Balancer information through Web Api, and Auto-Scaling of IaaS service using Terraform
- Enhanced Product Delivery Services
  - Led the team that reduced testing time and resource demand during Release, Staging, and Testing by creating CI/CD pipeline using Jenkins, GitLab, Selenium, Nunit, and Docker

GCCA - Software Engineer ***Mar 2013 – May 2016***

- Virtualization System
  - Used Selenium to automate testing scripts for web applications, reducing manual testing time by 70%
  - Reduced setup time by 50% by developing automated Hyper-V HA cluster settings using Powershell and C#
  - Designed and built web app for users to create local Hyper-V/VMware IaaS virtualization environment
- Video Doorbell
  - Created chat service using RabbitMQ, C#, and Wit Ai, allowing users to communicate with smart doorbell through text, control door lock, and register users
  - Implemented facial recognition module via OpenCV, allowing users to unlock a smart doorbell

EDUCATION

Medical Informatics, Master Degree, Tzu Chi University 2010 - 2012
Medical Informatics, Bachelor Degree, Tzu Chi University 2006 - 2010
Relevant Coursework: Introduction to Programming, Software Engineering, Algorithms and Data Structures, Algebra, Statistics, Operating Systems

ADDITIONAL INFORMATION

Able to work in the US without visa sponsorship