Hsu Hung Hao

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Experience

Arcadyan Technology Corporation | Hsinchu, Taiwan

Cloud R&D Engineer   Aug 2020 - Present

- Designed and developed cloud native application to collect, analyze, manage and optimize network equipment using NodeJs and Hadoop big data framework
- Architected several mini applications; led various team projects from initial concept to implementation; managed and organized resources
- Increased site reliability by designing and implementing a load-balanced, distributed system with automated disaster recovery plans, leading to a 70% reduction in downtime
- Communicated with international customers to clarify requirements and provide technical support, resulting in a 80% improvement in customer satisfaction

eCloudvalley Digital Technology | Taipei, Taiwan

Cloud Development Engineer   Dec 2018 - Mar 2020

- Built an application using Python that scans for potential security risks and generates a report that highlights major vulnerabilities and provides recommendations for improvement in cost optimization, system security, and fault tolerance; this resulted in 40% increase in security and availability
- Designed and built loosely coupled applications using microservices architecture in order to increase efficiency of data processes, resulting in 60% reduction of operation costs
- Collaborated with the product team to develop and test solutions, design improved systems, and refine code for our Cloud Management Platform, resulting in a 90% customer adoption rate

Cloud Support Engineer   Jul 2018 - Dec 2018

- Analyzed customer needs and provided solutions and supported customers with technical issues
- Established operating procedures and created a knowledge base of technical documents, which reduced training time for new colleagues by 50%
- Developed and implemented several scripts to automate operational tasks, resulting in a 40% reduction in manual workload

Education

National Chiao Tung University | Hsinchu, Taiwan   Sep 2016 - Jul 2020
- Bachelor of Computer Science
- Activities Officer of Guitar Club

New York University | NYC, New York   Jul 2016 - Sep 2016
- Comprehensive English Program

Cheng Gong High School | Taipei, Taiwan   Sep 2013 - Jun 2016
- Public Relations Officer of Model United Nations Club
- Delegate of 2014 National High School Model United Nations

Special Project

Racetrack Cloud Services | Taipei, Taiwan

Project Leader   Feb 2019 - May 2019

- Built a prototype child toy that utilizes play analysis to identify possible learning disabilities at an early age, including Visual Spatial Perceptual Disorder, Developmental Dyslexia, or Specific Learning Disabilities in Mathematics
- Identified client needs and effectively communicated project scope, schedule, and budget; planned, organized, and implemented all aspects of the construction project
- Managed and led a 3-person team, providing guidance and support to ensure timely completion of project milestones and successful delivery of the final product
- Conducted thorough testing of the toy's capabilities; managed and documented source code deployment and post-deployment procedures

Skills

Technical Knowledge

Software Development	★ ★ ★ ★ ★
Cloud Computing	★ ★ ★ ★ ★
Microservices	★ ★ ★ ★ ★
Big Data	★ ★ ★ ★ ☆

Programming Languages

JavaScript	★ ★ ★ ★ ★
Python	★ ★ ★ ★ ★
C/C++	★ ★ ★ ★ ☆
Scala	★ ★ ★ ☆ ☆

Soft Skills

Communication	★ ★ ★ ★ ★
Problem-Solving	★ ★ ★ ★ ★
Adaptability	★ ★ ★ ★ ★
Project Management	★ ★ ★ ★ ☆

Linguistic Ability

Chinese	★ ★ ★ ★ ★
English	★ ★ ★ ★ ☆
Taiwanese	★ ★ ★ ☆ ☆
Japanese	★ ★ ☆ ☆ ☆

Certification

AWS Certified Developer – Associate

- Ability to develop and maintain applications on the AWS platform

AWS Certified Solutions Architect – Associate

- Ability to design and deploy scalable, highly-available, and fault-tolerant systems on AWS

AWS Certified Sysops Administrator – Associate

- Ability to deploy, manage, and operate scalable, highly-available, and fault-tolerant systems on AWS

Activities | Awards

PADI® Open Water Diver