Xuan He

Software Development Engineer II at Microsoft

Summary

• 4+ years experience of design and build large distributed service, full stack engineer.

• Experience in cloud computing technologies and microservices

• Solid programming skills in Java and C#

• Deep understanding of Algorithms and Data Structures

• Strong understanding of object-oriented design patterns

Experience

Software Engineer II at Microsoft
April 2015 - Present

Azure Networking

Monitoring Azure Network

Azure Active Directory, Gateway

Gateway is the reverse proxy which is front door to Microsoft's identity services. It is highly available service and a platform service for Identity services.

-Corporate with partner team, lead, design and implement workflows to auto-install customer domain certificates and bindings at Gateway Service on the fly. This project would bring additional millions of traffic per minute to Gateway Service and would be a new Azure Active Directory feature on Azure Portal.

-Implement multiple critical features to improve Gateway service performance and availability to 99.999% which including multiple ways of failover endpoints and data centers, multiple options of retry logic, improving cache performance.

-Implement multiple important features to improve configuration service performance including integrating with dependent service for logs auditing, improving concurrency and thread safe fault points.

-Handle critical live site issue for 2 million request per minute for Gateway Service as a dev-ops model including on-call, bug fix, customer QAs and educations.

Software Development Engineer at Amazon
July 2013 - March 2015 (1 year 9 months)

- Mobile Ads team
- Build service to help developer rendering Ads on mobile devices

- Warehouse Deals team
- Build service to support global Amazon fulfillment center

Software Developer at Hara Partners

December 2012 - March 2013 (4 months)

Create payment gateway Magento module for Computop (the largest payment gateway in Europe).

Create Content Delivery Network (CDN) Magento module for EdgeCast.

Software Developer Intern at Hara Partners

May 2012 - August 2012 (4 months)

Create E-Commerce website following MVC design pattern and ZEND Framework with Magento .

Create Magento extension's module, do integrations with third party API and UI by PHP and JQUERY.

Education

New York University

Master, Computer Science, 2011 - 2013

Beijing University of Technology

Bachelor's degree, Computer Science

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Linked in

Contact Xuan on LinkedIn