**SOFTWARE ENGINEER RESUME**

**Personal information**

Kevin Paterson
Software Engineer

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**Summary**

A senior professional software engineer with 12 years of experience in application design and development with an innovative concept to the next evolutionary phase.  Having strong communication, leadership, and technical background. I am driven by roles that will leverage my strengths in a DevOps or Engineering capacity for a mutually rewarding experience.

**Experience**

**SOFTWARE ENGINEER – Team Lead**
Microsoft Corporation – Redmond, Washington

* Developed .NET code for publishing and consuming messages using RabbitMQ.
* Developed deployment scripts from Git repository to GCP App Engine.
* Developed and deployed Docker containers on Kubernetes.
* Implemented the ETL process to migrate legacy data to SQL database.
* Defined the data storage strategy and implementation roadmaps.
* Designed the information architecture and model of an organization’s assets.
* Advised and evaluated data retention and governance using cloud technologies.

**Sr. SOFTWARE DEVELOPER**
Deloitte – London, UK

* Designed REST Web Service in C# and Java using Layer pattern.
* Defined SOAP Web Services using Postman and Fiddler.
* Built containerized web servers, load balancers and DNS using Docker.
* Developed automation scripts using PowerShell, VBScript and Java.
* Designed schemas for Oracle, SQL and MySQL servers.
* Installed, configured OpenSSL and managed SSL certificates for authentication.
* Configured cryptography ciphers using DES3, Blowfish and OpenPGP.

**SOFTWARE DEVELOPER**
Salesforce – San Francisco, California

* Developed embedded application to poll RF wireless data using Visual C++.
* Deployed and integrated web portal into existing CMS platform.
* Developed workflow and self-service for the automated recycling program.
* Developed web applications to qualify individuals for insurance.
* Developed a business rules engine to filter criteria from web forms.
* The developed server application to trigger processing on OCR events.
* Developed a single-page web application to capture survey results in a database.

**Education**

**MASTER OF COMPUTER SCIENCE**
Stevens Institute of Technology – New Jersey

**BACHELOR OF COMPUTER SCIENCE**
Georgia State University – Atlanta, Georgia

**Skills**

* Shell Scripting
* AWS
* Microsoft Azure
* Docker
* Kubernetes
* Databases
* Google Cloud (GCP)
* Web Services
* Microsoft SQL server
* ASP.NET (C#)
* JavaScript
* Testing

**Certification**

* Azure Online Certification
* Google Cloud Platform certification