

# Kevin Paterson

SOFTWARE ENGINEER

## 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 a 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

Feb 2019 - Present

- 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 Feb 2015 - Jun 2017

- 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 Feb 1999 - Oct 2005

- Developed embedded application to poll RF wireless data using Visual C .

## Contact

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## Skills

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

## Personal Skills

Problem solving	■ ■ ■ ■ ■
Team Leader	■ ■ ■ ■ ■
Planning strategically	■ ■ ■ ■ ■
Excellent organisational skills	■ ■ ■ ■ ■
Attention to detail	■ ■ ■ ■ ■

## Referral

Available on request.

- Deployed and integrated web portal into existing CMS platform.
- Developed workflow and self-service for automated recycling program.
- Developed web application to qualify individuals for insurance.
- Developed business rules engine to filter criteria from web forms.
- Developed server application to trigger processing on OCR events.
- Developed single-page web application to capture survey results in database.

## **Education**

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### **MASTER OF COMPUTER SCIENCE**

**Stevens Institute of Technology - New Jersey**

- Minor in Information Engineering

### **BACHELOR OF COMPUTER SCIENCE**

**Georgia State University - Atlanta, Georgia**

- Minor in Information Engineering

## **Certification**

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### **Azure Online Certification**

Microsoft Azure - 2018

### **Google Cloud Platform certification**

Google - 2019