AASHISH KOIRALA

Massachusetts, USA
https://www.linkedin.com/in/aashishkoirala

Seasoned software architect and developer with 16 years in the field building and maintaining secure and scalable applications. Major experience with .NET/C#, SQL, JS and leading and managing development teams. Recent focus on cloud native applications, DevOps and Azure.

GitHub: https://github.com/aashishkoirala   **Website/Blog:** https://www.aashishkoirala.com

EXPERIENCE

Bond-Pro, Remote
Chief Architect, Software R&D, March 2019 – Present
Software architecture and development; leadership of Agile offshore team; DevOps

- Currently building the company's flagship cloud-based offering
- Working with .NET Core, Azure, EF Core, Kubernetes, Docker, Terraform among others

Vistra (formerly Radius), Bedford, MA
Architect, Software R&D, July 2012 – March 2019
Software architecture and development; leadership of Agile offshore team; DevOps

- Helped build and oversaw cloud based, microservices driven enterprise system. Ported entire system from on-premises to cloud-native Azure PaaS. Rewrote service and security stack, rebuilt frontend using Angular and SignalR.
- Led the team that built a sophisticated global payroll system from inception to release that supported over 150 customers across over 20 countries
- Helped build a homegrown workflow orchestration system based on Service Bus messaging

Verisk Health, Waltham, MA
Director of Engineering, August 2008 – July 2012
Software architecture and development; management of Agile onshore/offshore teams

- Took over a post-acquisition, undocumented and abandoned codebase, revived and re-engineering it, thus becoming the resident expert for the system which served as the company's flagship healthcare analytics platform
- Introduced standard ETL tools and practices to the BI delivery process
- Helped transition the software development process from waterfall to Agile

D2Hawkeye Services, Kathmandu, Nepal
Software Architect, November 2004 – August 2008
Software architecture and development; management of multiple development teams

- Built, delivered and maintained 12 large scale projects using various technologies (including .NET, Java, C++, SQL Server and Oracle)

EDUCATION

M.S. in Computer Systems Engineering, Boston University, Boston, MA
B.E. in Computer Engineering, Tribhuvan University Institute of Engineering, Nepal

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Tools/Tech/Practices

.NET/.NET Core
 C#
 ASP.NET Core
 EF Core

JavaScript
 TypeScript
 Angular
 React
 Node

SQL Server, T-SQL

Azure
Kubernetes, AKS
Helm
Docker

Microservices
Twelve Factor
DDD
REST

MongoDB
ElasticSearch
Cassandra
Redis
Azure Service Bus
RabbitMQ
Kafka

OAuth2/OIDC, SAML
OWASP Remediation

Git
PowerShell
Bash

DevOps
 CI/CD
  Azure DevOps
  Jenkins
 IaC
  Terraform
  Ansible
 Observability
  FluentBit, Kibana
  Prometheus, Grafana
  OpenTracing, Jaeger

F#
Go
Rust