Lucidio Kuhn, MBA, American Citizen

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- Demonstrated turnkey leader, working daily on complex problems with Cloud Enterprise systems.
- Experienced in end-to-end aspects of software lifecycle, from requirement assessments to building and leading teams of highly skilled developers.
- Unique balance of managerial and technical skills resulting in solid service architecture and healthy, productive team.
- Accomplished mentor and coach, enabling teams to exceed potential by removing obstacles and fostering open two-way communication within the team, across departments and with external stakeholders.

Skills

Team Leadership Coaching and Development Training and Mentoring Process Improvement Written and Verbal Communication Software Development Lifecycle (SDLC) Change and Release Management DevOps Cloud Architecture Enterprise Integration Patterns Design Patterns Object-Oriented Development Agile BDD + TDD AI + ML Team Health

C# PowerShell Python C++ SQL JavaScript/TypeScript Java Assembly x86

Tech Stacks

On Azure:

C# DevOps Application Insights Service Bus Event Hubs Service Fabric Docker ACS Web Assembly Blazor Virtual Network NAT Traffic Manager Load Balancer Application Gateway AAD (Active Directory) github actions CloudFormation Powershell CosmosDB SQL Azure Functions Azure Data Explorer Kusto Data Lake Azure Batch Blob Storage Azure Files ACR (Container Registry) AKS (Kubernetes) Docker multitenant RBAC Policy Key Vault Web Application Firewall Airgap API Management Certificate Management ARM (Resource Manager) TypeScript React Angular ML.Net gRPC GraphQL REST

On AWS:

Python SageMaker Glue Kinesis Analytics Athena S3 EFS Glacier Fargate Lambda LightSail Step Functions Aurora DynamoDB CloudFormation Kinesis Streams SQS SNS VPC Load Balancer multitenant PyTorch AutoGluon TypeScript React Docker IAM parquet ETL REST

Professional Experience

Software Development Manager - Amazon - 08/2022 - 03/2023

- Managed team responsible for Robotics ML Continual Learning and Damage Detection for the Sparrow Robot.
- Using the Continual Learning tooling, Item Damage Detection moved from a scientific prototype state with 72% accuracy to automated, deployable with 95% accuracy in less than two months.
- Continual Learning tooling also shortened the ML training cycles from days to minutes, through massive scaling of Docker containers on SageMaker, ML Models and Data versioning, automatic database and dashboard generation, automated ML training deployment, refactoring the code into modern Cloud Architecture patterns.
- https://aws.amazon.com/solutions/case-studies/amazon-robotics-case-study/

Principal Software Engineering Manager - Microsoft - 11/2018 - 08/2022
- Managed development of tools for Compliant Service Deployment for M365 (a $20B+ business).
- 3x increase in Compliance for security, privacy, and performance standards to public or private clouds.
- Refactored services so M365 is now deployed to Air-Gapped networks worth multi-billion-dollar contracts each in the US, China, and other countries.
- Team Health at 95%, Inclusion Index at 97%, Immediate Manager evaluation at 100%.
- Reduced work on live-site incidents from two engineers per month to near zero on average.
- Managed team that delivered mechanisms for game developers to use Azure Functions, AAD, Game Configuration management and fully automated CI/CD in the US and China.
- Fully automated CI/CD deployment to China increased MAU from 75m to 175m, with marginal cost increase.
- https://playfab.com/
- https://docs.microsoft.com/en-us/learn/modules/what-is-m365/
- https://gcn.com/cloud-infrastructure/2021/08/microsoft-unwraps-top-secret-cloud/316254/

Application Developer Lead - Starbucks - 03/2018 - 11/2018
- Transition to Azure.
- Became (in weeks) the go-to person for CI/CD, Service Bus, Cosmos DB, telemetry, high scalability multi-threaded C#.
- The development and CI/CD model allowed Starbucks to provide B2B and gifting services with only ten engineers.
- https://www.starbuckscardb2b.com/s/
- https://www.starbucks.com/gift

Senior Consultant - Avanade - 11/2017 - 02/2018
- On consulting for Motorola, unblocked development of Windows Response App with separation of concerns so it could be developed with multiple engineers.
- On consulting for Puget Sound Energy (PSE), cloud-transition with micro services in AWS (Lambda + ALB + EC2), Docker and Cassandra.
- https://pse.com/outage

Senior Developer - VMWare - 02/2017 - 11/2017
- REST APIs for Peer to Peer (P2P) Mobile Device Management (MDM).
- Reduced new hires ramp-up from two months to a week.
- https://www.pcmag.com/reviews/vmware-airwatch

Development Lead - Microsoft - 10/2012 - 02/2017
- At Azure, reduced billing errors from 90% to less than 0.5% in six months, time to solution from 51 business days to 4.
- Managed a team owning Phone, Messaging and Contacts, resulting in Windows Phone being sold in tens of countries and operators.
- https://learn.microsoft.com/en-us/azure/cost-management-billing/understand/understand-azure-marketplace-charges

Principal Developer - OpenText - 07/2010 - 10/2012
- Data extraction for structured and unstructured data sources for forensic investigations.

- Agile development with Kanban.
- https://www.opentext.com/solutions/industry/legal

Software Developer - Microsoft - 10/2000 - 07/2010
- Owned Audio Converter, Russian Square (game).
- Created boot from SD card, drivers for Home Automation.
- Workflows and integration with Outlook for Dynamics CRM.
- https://dynamics.microsoft.com/crm
- https://youtu.be/KADDulPn5EI(Russian Square)

Owner / Founder - NovaCAD - 11/1996 - 10/2000
- Founded company that developed business applications around CAD and databases.

Education
- Master - Business Administration - University of Washington
- Bachelor in Science - Computer Science - Pontificia Universidade Catolica do Rio Grande do Sul