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Summary: Certified cloud engineer proficient in diverse full-stack languages providing digital business transformation with cloud computing, application modernization, and DevOps automation.

Certifications: Microsoft AI-102 Azure AI Engineer Associate (2024), AZ-204 Azure Developer Associate, PL-900 Power Platform Fundamentals (2024), AI-900 Azure AI Fundamentals (2023), AZ-203 Azure Developer Associate (2020), AZ-900 Azure Fundamentals (2020), Amazon AWS Developer Associate (2017), Situational Leadership, Center for Leadership Studies (2023).

Education: Computer Science, University of Illinois Springfield, 2017.

Senior Consultant | 3Cloud

8/2021 – Current | Remote

- Modernized enterprise applications to leverage cloud native services for performance and scalability. Utilized industry standard architecture such as distributed event driven computing with service bus and microfrontend single page application frameworks. Modernization included containerization of microservices and deployment to Azure Kubernetes using CI/CD DevOps pipelines.
- Developed client-facing healthcare application in collaboration with distributed agile teams featuring multi-tenancy with Angular, Nx, Asp.Net, Entity Framework, Azure Sql, Microsoft identity platform, Dapr and Kubernetes.
- Developed serverless, functional pipelines for fraud detection with machine learning capabilities using NoSql, Azure AI Services to analyze medical documents with semantic search.
- Developed Microsoft Teams web single page web app to host chat bots. Teams app included integration to Sharepoint and authentication to Microsoft Graph.

Skills: Azure, Serverless, FaaS, SaaS, PaaS, CI/CD, DevOps, Docker, Containers, Dapr, Kubernetes, SQL, CosmosDB, NoSql, Entity Framework, API, Domain Driven Design, Microservices, C#, .Net Core, Javascript, Typescript, Angular, React, Nx, Node.

Consultant | Slalom

9/2019 – 7/2021 | Scottsdale, AZ (Hybrid)

- Developed, containerized and deployed APIs as microservices to Azure, AWS, GCP clouds with DevOps pipelines and Terraform. Utilized Docker, Kubernetes, NoSql, serverless for performance improvements of legacy code. Features included API usage monitoring, logging, auditing and integration to Salesforce, Identity Server, OAuth.
- Automated deployment of SSIS packages to disaster recovery environment using AWS CodePipeline, CodeDeploy, Artifactory, Powershell. Improved application security by encrypting sensitive information with AWS Parameter Store.

Skills: Azure, AWS, Serverless, Docker, Containers, Kubernetes, AKS, SQL, GCP, C#, ASP .Net Core, API, Javascript, Node.js, React, Angular, CI/CD, DevOps.

Sr. Software Engineer | Fender

3/2019 – 8/2019 | Scottsdale, AZ

- Migrated legacy order processing ETL pipeline to utilize AWS serverless functions for scalability. Components included Go, Node serverless functions that processed thousands of product SKUs from XML and JSON. Deployed with CircleCI, CloudFormation, and Terraform.
- Enhanced a mobile-first, responsive Commerce Cloud website with Stripe payment processing. Unit tested with Puppeteer, Docker, Mocha, Chai.

Skills: AWS, Lambda, S3, API Gateway, SQS, SNS, RDS, Cognito, Cloudwatch, DynamoDB, Serverless, NoSQL, Docker, Javascript, Node, HTML5, CSS, JSON, XML, ETL.

Platform Engineer | Pricespider

8/2018 – 3/2019 | Irvine, CA

- Developed and improved performance of event driven data processing pipelines to orchestrate data between polyglot microservices through containerization to process millions of URLs daily, serving product SKUs to GraphQL in a React single page application. Performance optimizations included improving SQL queries.
- Deployed applications to hundreds of containers on Google Kubernetes Cloud with Helm. Centralized logging and monitoring of critical applications with Elasticsearch, LogicMonitor, Logstash and Prometheus.

Skills: Google Cloud, API, REST, gRPC, C#, .Net, Go, Node, Docker, Kubernetes, Containers, SQL, PostgreSQL, Redis, Pub/Sub, Puppeteer, Javascript, React, Typescript.

Senior Web Architect | MI9 Retail

3/2015 – 8/2018 | Irvine, CA (Hybrid)

- Modernized enterprise resource planning desktop applications to mobile-first, responsive single page web applications featuring big data-driven business intelligence components. Integrated identity server for OAuth based single-sign-on authentication with Azure Active Directory.

- Used event-driven architecture patterns for batch processing of data with Azure Service Bus. Migrated product documentation to knowledge management static content server and deployed to Azure App Service and Blob Storage.

Skills: Enterprise Resource Planning (ERP), Azure, App Service, Service Bus, Blob Storage, SQL, C# .Net, OAuth, HTML5, Bootstrap, D3, DevExpress, Power BI, React, Redux, Javascript, Angular, Typescript, Jasmine, Jest, Powershell.

Senior Web Developer | Ancora Software 3/2012 – 3/2015 | Irvine, CA

- Led development, customization and implementation support of an enterprise SaaS-based document management product which provided high-volume batch scanning, imaging, classification, extraction of financial records. Middleware included full text search, machine learning algorithms, OCR. Mentored off-shore developers to maintain high quality coding standards.

Skills: C#, .Net, VMWare, Java, Grails, Spring Boot, Lucene, Kofax, HTML, CSS, Javascript.

Web Developer | Source Interlink 9/2011 – 3/2012 | Irvine, CA

- Developed and optimized performance of public-facing content management systems with high-traffic. Improvements included search engine optimization enhancements, refactoring of legacy code while maintaining high code quality standards such as object oriented programming and unit tests.

Skills: CMS, C#, Asp.Net MVC, SEO, API, Unit Tests, NUnit, Javascript, XML, HTML, CSS.

Solution Engineer | AMI Paperless 2/2008 – 9/2011 | Los Angeles, CA

- Implemented and supported digital transformation of documents to paperless business processes from pre-sales to deployment of on-premise Laserfiche Electronic Content Management with custom developed integrations, middleware, services, and workflows featuring document scanning, recognition, extraction, classification of electronic forms.

Skills: Windows, VMWare, C#, .Net, OCR, PDF, Records Management, Business Processes Outsourcing (BPO), WCF Services, Windows Workflow Foundation (WF).

Software Developer | PFA, Inc. 9/2005 – 12/2007 | Los Angeles, CA

- Developed paper to digital document automation services and applications for high-volume scanning, image recognition, conversion of records with high throughput and reduced error rate. Processes included native API integration of high performance imaging libraries.

Skills: Windows, C++, C#, .Net Framework, OCR, PDF, Leadtools, Forms, Imaging, Records Management.