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| Benjamin Arulan**Cloud Architect** | hyperlinkddd@yahoo.com • (678) 485 2839[LinkedIn](https://www.linkedin.com/in/benjamin-arulan-2b34454/) • Cumming, GA 30041 |

Summary

Tech-savvy and highly skilled professional with extensive experience in designing and implementing cutting-edge cloud solutions across banking and healthcare industries. Proficient in Azure Cloud and adept at leveraging NET Core and Open-Source technologies to drive business innovation. Instrumental in maintaining cross-functional collaboration with multiple teams and key stakeholders to achieve targeted business objectives. Excel at building strong relationships with customers and team members to ensure exceptional customer satisfaction and project success. Trusted advisor, guiding organizations towards scalable and secure cloud environments to optimize performance and achieve digital transformation goals.

Technical Proficiencies

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| Cloud Environments | Azure, AWS, Amazon EC2 & S3 |
| Operating system | Linux (RHEL (Red Hat 4/5/6/7), CENTOS & SUSE), Solaris 11/10/9/8, Ubuntu 12/13/14, Windows NT /2008/2012/2022 |
| Application Servers | WebLogic Application server 9.x, 10.x, Apache Tomcat 5.x/7.x, Red Hat JBoss 4.22. GA Web Sphere 6.x/7.x/8.x |
| Automation Tools | Jenkins, Docker, Terraform, ARM Templates, Azure DevOps, TeamCity |
| Version control tools | GIT, Subversion (SVN), Bitbucket, GitHub. TFS |
| Web servers | Tomcat, APACHE 2.x, 3.x, JBOSS 4.x/5.x, Web Logic (8/9/10), Ngnix and IIS |
| Scripting | NodeJS, Bash shell, Azure Cloud shell, Power shell scripting |
| Virtualization Technologies | VMWare ESXi, Windows Hyper-V, Power VM, Virtual box, Citrix, Xen |
| Databases | RDBMS, NoSQL, MySQL, DB2, PostgreSQL, MongoDB, Cosmos DB, MS SQL Server, Azure SQL |
| Bug Tracking Tools | Bitbucket, JIRA, Confluence, Bugzilla, Sonar Cloud |
| Monitoring Tools | Cloud Watch, Splunk, PagerDuty, ServiceNow |
| Languages | C#, C++, TSQL, Typescript, JavaScript, YAML |
| Technologies | ASP.Net Core 6.0, Entity Framework Core 6.0, REST API, SOAP, Single Page Applications using React and Angular, Kubernetes, Microservices, jQuery, Twilio API, ASP.NET MVC, Bootstrap, Web API |

Career Experience

Morgan Stanley, New York Jan 2021 – Present

Cloud Architect & Consultant

Collaborated with Morgan Stanley Wealth Management teams to execute migrating key applications, such as Mortgage Services, Profile Management and Zelle in Azure Cloud. Partnered with Morgan Stanley and ETrade teams to implement MS Services within ETrade's online platform utilizing SPA Injection technique.Top of Form

* The system is a high-volume web application serving 18m banking/Wealth management customers, with peak loads of 250K customers. Led development of proof-of-concept, migration of existing code base to Net Core, and integration with legacy systems, while ensuring Zero-Trust security and JWT validations at each layer.
* Enhanced Service access layer (Api Layer above Microservices) by introducing new channels for web and mobile (internal and external users for both MS and ETrade) with single code-base and implementing token authentication.
* Configured Azure Api Manager (APIM): the authorization is verified specific to each API method and channel. Configured the path-based Api routing: Most services were on-Cloud and some reached back into On-Premise services. Implemented metric-based scaling in Isolated App Service Environment v3 plan with ExpressRoute to On-Premise
* Documented Azure service components and data flow using C4 Structurizr, developed test cases using NUnit/XUnit and code coverage/security verified by Sonar Cloud gated check-in’s.

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| Technologies: | Azure App Services, Azure VMs, ASP.Net Core 6.0, EF Core 6.0, REST API, Single Page Applications using React (ETrade) and Angular (MS), Docker, Git/GitHub, Azure DevOps, Kubernetes, Microservices, Jira, Splunk, Sonar Cloud, Jenkins, TeamCity, Akamai, Terraform, Azure API Manager, YAML, Redis, Apigee, ForgeRock, Typescript, jQuery, MS SQL Server, Asp.net MVC, Bootstrap, Web API, JFrog Artifactory |

Hancock Insurance, Atlanta, GA Sep 2020 – Dec 2020

Consultant

Analyzed business requirements and provided strategic consulting services for technological advancements. Conducted thorough assessments and provided recommendations on process improvements, risk mitigation, and cost optimization. Assisted in design and implementation of insurance-related software systems, ensuring seamless integration and functionality. Supported ongoing system enhancements and upgrades to meet evolving business needs.

* Designed and developed cutting-edge mobile application for Hancock Insurance aimed at empowering insurance adjusters to capture and upload property insurance claim images.
* Leveraged technologies such as Azure App Services, Azure Functions and .Net Core 5.0 to ensure efficient and secure functionality of mobile application.
* Streamlined claims process and improved accuracy and efficiency while enhancing customer satisfaction.

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| Technologies: | Azure App Services, Azure VMs. ASP.Net Core 6.0, EF Core 6.0, REST API, Single Page Applications using React, Docker, Git/GitHub, Azure DevOps, Kubernetes, Microservices, Jira, Azure DevOps, Terraform, Azure App Services, YAML, Typescript, jQuery, Azure SQL. MS SQL Server, Asp.net MVC, Bootstrap, Web API |

Novant Health, Alpharetta, GA Aug 2012 – Jul 2020

Consultant, Senior Engineer & Architect

Implemented innovative technical solutions to address complex business challenges for Novant. Led, architected, and developed cloud-based solutions for the manual and time-consuming processes like Appointment Confirmation and Insurance verification.

* Architected and deployed cutting-edge Twilio conversational API to enable delivery of automated notifications to patients as well as cancelation, confirmation, and rescheduling appointments via SMS texting. Improved communication process by eliminating need for manual phone calls and follow-ups. The patient responses to SMS were captured in the Azure cloud (App Services). The rest of the workflow including Athena insurance verification web services, reminder services were processed using AZURE App Services, Azure functions and Azure SQL.
* Architected and deployed cutting-edge AWS cloud-based Document Management system aimed at enabling efficient management of patient reports and imaging orders. I used ILand (11:11 Systems). The cloud-based solution complied with the HIPPA regulations with respect to patient protected information and record keeping requirements,
* Migrated the existing on-premise code base from TFS to the AZURE DevOps, Setup CI/CD pipelines for automated builds and deployed to QA environments. Worked with DevOps in implementing Azure AD and updating On Premise applications to use Azure AD signon.
* Spearheaded end-to-end development and architecture of mission-critical line of business application for Imaging Centers.
* Streamlined critical workflows, including patient registration, scheduler with rules-based optimization, and system integration with third-party digital imaging systems.

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| Technologies: | Azure Cloud Services, AWS S3 Buckets, ILand Systems, ASP.Net Core 5.0, EF Core 5.0, REST API, Docker, Azure DevOps, Microservices, , Azure App Services, YAML, Typescript, jQuery, MS SQL Server, Twilio API, Asp.net MVC, Bootstrap, Web API, ITextSharp for generating PDF Reports. |

Medquest, Alpharetta, GA Sep 2003 – Aug 2012

Consultant, Senior Engineer & Architect

Collaborated with cross-functional teams to gather requirements, define system architectures, and develop technical strategies. Executed thorough analysis of existing systems and proposed recommendations for optimization and enhancement. Provided guidance and mentorship to junior team members, while promoting knowledge sharing and professional development

* Led, architected and developed patient registration, appointment scheduler, and patient forms functionalities.
* Migrated data from legacy system.
* Developed a Patient Statements system to send out monthly statements.
* Developed several SSRS Reports

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| Technologies: | C#,. NET, SQL server, jQuery, ASP.NET MVC, TFS, WebForms, Kendo UI |

Education

Master’s Degree (Honors) in Computer Science

University of Madras, India

Bachelor’s Degree (Honors) in Computer Science

University of Madras, India

Licenses & Certifications

Microsoft Certified Solutions Developer (MSCD)

AZ-900: Azure Fundamentals