**Julius M. Kelly, MCP, MCAD**

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US Citizen

**Senior Software Engineer | Full Stack Architect | Automation/Cloud Engineer**

*Developing customized applications and solutions for clients*

Senior Architect, Developer and technical lead with extensive and diverse industry experience. Microsoft Certified Professional and Application Developer with several technical certifications. Proven success in managing full stack development projects and teams from modeling and prototyping through delivery and implementation. Expert in C#, Java, SQL, and other programming languages and scripts. Highly knowledgeable in Amazon Web Services (AWS), Azure, Oracle, and other cloud-based platforms and services. Designs and delivers customized applications and solutions. Consistently lands and closes clients with great technology stacks, top pay rates, and repeat business. Quickly learns new technologies. Strong problem-solving skills.

**Core Competencies:**

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| • Software Design and Engineering  • Cloud Platforms and Services  • User Interface (UI)/Experience (UX)  • Process and System Improvement  • Documentation/Business Intelligence  • Identity Mgmt & Governance | • Full Stack Development  • Automation Engineering Solutions  • Project Planning and Management  • Enterprise Infrastructure/Integrations  • App Performance Optimization/SEO | • Mobile and Web Applications  • Continuous Integration/Delivery  • Solutions Development/Deployment  • Agile Development and Leadership  • DBA Optimization/Performance  • AWS/Azure Development / DevOps |

**Professional Experience**

Avant-Garde Consulting, LLC, Long Beach, CA

**Senior Consultant | Senior Full Stack Architect | DevOps | Automation Engineer (Contract)**, 2009 – 2021

Lead the development and implementation of solutions for enterprise customers. Plan project roadmaps, timelines, and schedules. Services include system and software evaluations, minimum viable product (MVP) design and prototyping, database optimization, user experience (UX) enhancements, localization, migration, and continuous integration delivery (CI/CD).

*Selected Projects:*

* **FLEXIS NEXIS** (5/2021 – Current) Implementation of AWS IAM, Ground Up development of AWS ElasticSearch domain, AWS Glue, Cloudformation templating in JSON. DevOps via Jenkins Pipelines for CI/CD and templates for resource creation via Cloudformation.MySQL scripts, jobs, and procedures. Elasticsearch indexes, queries, and schema development. JIRA / Confluence. Lambda development using Java/J2EE, Python. Python Shell Scripting. Microservices & API development. For UI ReactJS /Typscript / NodeJS with GraphQL. Contributed in building the React Component Library and designed / initiated Angular Component Library from scratch.
* **ELI LILLY:** (05/2020 – 5/2021)Implementation of AWS IAM, AWS Cognito implementation and scripting for CI/CD using yaml,   
  / DevOps CI/CD Cloudformation with GitHub / AWS Lambda development with Node.js and Python & some yaml scripting for automation / Integration: Models, & Queries using GraphQL API with PostgreSQL and Auora / AWS Stepfunction development / AWS API Gateway configuration for REST APIs & Micro-services  
  / Typescript with NodeJS development for SPA / .Net Core w C# / Entity Framework / Java Spring, Node, Google Cloud Functions, Kubernetes, Bamboo, Jenkins,
* **KOCH - Flynt Hills:** (01-2020 - 5/2020) API Layer management: MuleSoft, TIBCO, Mashery, and Apigee / Back-End development: Microservices, REST, GraphQL, Node.js, JVM (Clojure, Scala, Java - Spring, Spring Boot, Hibernate, etc.), / Database (Postgres, MySQL, SQL.), Python, TensorFlow, PyTorch, scikit-learn, NumPy, .Net Core w C#, Golang, Netflix OSS, Container Orchestration: Data Streaming: Kafka, NiFi, Storm, Hadoop, Spring XD/Spring Batch  
  > DevOps/Platforms: Amazon Web Services (S3, RDS, EC2, ECS, Lambda, SQS, SNS, DynamoDB, CloudFormation, etc), Terraform, Chef, Docker, Ansible / Automation Testing: Selenium, Karma, Mocha, Jest, Cucumber, ATDD, Protractor, Automated Performance and Regression/Functional Testing / CI/CD: Jenkins, Artifactory, Nexus / Build Tools: maven, gradle, grunt, gulp, git, svn, npm, yarn, lein, boot, Xcode  
  / JIRA and Confluence
* **NBC Universal:** (06-2019 - 1/2020)**: -** Worked on AWS developing solutions for CICD using CloudFormation, Orchestrations with Kubernetes, Jenkins, CloudWatch, VMWare, VRO, VRA, GIT, Jest, Maven, GIT, JIRA, Lambda, Step-Functions, EC2, Route53, AWS Governance, Sailpoint IIQ, Identity Mgmt, Provisioning, IAM, Cognito, GraphQL, API Gateway, Kinesis Streams, ElasticSearch, CyberPeacock, SAM CLI, YAML Scripts, Dynamic Resource Provisioning, DynamoDB, NodeJS, Java, Java Microservices in AWS, Java Spring Boot, Python, Maven, Postman, API security.
* **Iteris / Veracity:** (01/2019-Current): - On-call consultant for Azure maintenance. Assisting Iteris team with Azure Data Migrations, Microsoft D365 development, Terraform, ARM Templates, PowerBI, Azure, Azure Functions, Jenkins, Docker, Azure Pipelines CICD, Azure Insights, Azure VMs, Ansible, VMWare, VRA, VRO, Azure SQL, Power BI, Common Data Service, Power Apps, Azure Logic Apps, Azure Machine Learning. Microsoft D365 / CRM - web controls, reporting, custom forms using dialogs, workflows, plug-ins, Email router, AD integration, Security roles & permissions, Dynamic Entity, Tabular CRM forms,CRM Developer toolkit, XrmToolkit, Ribbon Workbench, and Plugin Registration.
* **Ephesoft** (12/2018 – 06/2019) – Developed a web application for document processing and parsing for client with Angular 7 & ReactJS 15 framework. Worked with Amazon Web Services (AWS) Lambda computing platform, DynamoDB, StepFunctions,AWS Governance, API Gateway, REST microservices in Java & C#, APIs, AWS Dev, AWS CI/CD, J2EE, AWS with NodeJs Runtime, TFS,optical character recognition (OCR) with Python language, Kubernetes Orchestrations, AWS ElasticSearch, SailPoint IIQ 7.3, development, and CyberArk integration.(IAM) Implemented solutions for user provisioning, user lifecycle automation, and governance with Sailpoint IIQ 7.3.
* **Omnicell** (10/2017 – 11/2018) – Developed an angular JavaScript-based front-end web framework with directives, components, ReactJS, and other frameworks for the client. Worked with JavaScript, TypeScript, syntactically awesome style sheets (SASS), Windows Presentation Foundation (WPF), extensible application markup language (XAML), and model-view-viewmodel (MVVM) pattern. Developed on Java projects SpringBoot, Maven, Orchestrations with Docker, PowerMockito, Tomcat, Java Microservices, and Java Servlets. Performed AWS Identity and Access Management (IAM) integration. Utilized Pivotal Cloud Foundry platform for cloud integration with Azure, including Azure CI/CD development & functions, Terraform, VMWare, VRA & VRO, and Powershell scripting.
* **Volt Information Services** (07/2015 – 10/2017) – Led engineering team through several development projects with .Net framework, SQL server, PeopleSoft CloudShift (FIN,HCM), Oracle database, Java language, and Microsoft Windows services. Designed an integration solution for the vendor management system. Managed, upgraded, and optimized the SQL server database. Worked with offshore India team to manage resources and facilitate project completion. Administered the Oracle database to maintain high database volume. Built web applications and Windows service solutions with multiple tools including ASP.Net, C#, JavaScript, and JQuery, Sailpoint IIQ governance with provisioning, TFS, AWS dev, AWS CI/CD, TFS workflow. End to end development of BizTalk integration solutions with over 5 companies & 3rd parties including EDI & HRXML. Some Java development, N-Hibernate, SpringBoot, Java Servlets, and oracle integrations.
* **7/11 Corp.** (03/15 – 07/15) – Designed a software integration plan with Microservices, BizTalk, SQL Server, .NET C#, REST API, and WWF. Integrated ReactJS into existing SPA application for a high traffic website and a new UI with React Fiber. Utilized DevExpress dialogs, web controls, and paging. Microsoft Dynamics web controls, reporting, custom forms using dialogs, workflows, plug-ins, Email router, AD integration, Dynamic Entity, Tabular CRM forms,CRM Developer toolkit, XrmToolkit, Ribbon Workbench, and Plugin Registration.
* **Walmart** (12/2013 – 03/2015) – Built an MVVM Silverlight application with Telerik controls for content editing. Developed a new MVC 3.0 site and Entity Framework solution for Juke Inc. with various features. Helped improve the performance of queries in the Entity Framework through implementing data caching. Updated Angular version, implemented some Telerik controls, form validation, fine tuning of SQL cluster, stored procedures, UDF, SQL jobs,
* **Tesco International** (02/2013 – 11/2013) – Developed and implemented a BizTalk integration solution for delivery systems running on DEX handheld software. Completed the task of Delivery first workflow, allowing delivery drivers to drop off product first and bill later.
* **System Smith (ASM/Walmart/Costco)** (01/2011 – 02/2013) – Led development team through the planning and migration of a legacy VB6 application to Silverlight. Selected development models and designed new UI attributes and controls.
* **Sysrepublic and Tesco Stores Ltd.** (11/2009 – 01/2011) – Designed a solution for an internal software license management application in Silverlight 3.0. Gathered and defined project requirements and reviewed UI design specifications. Built an SQL 2005 database for the new application with scheduled data maintenance tasks. Wrote SQL commands for automated installations and updates. Enhanced SQL query performance with SQL Profiler and TOM Trackpoints.

Additional Experience

**Lead Developer** (2006 – 2009) • Thinklogic, El Segundo, CA

**Senior Developer | Team Lead** (2005 – 2006) • Bankers Integration Group, Laguna Niguel, CA

**Senior Developer | Contractor** (2004) • ProcessClaims, Manhattan Beach, CA

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*Previous experience as*

***Manager of Development*** *• CyberU Inc. (now Cornerstone OnDemand), Santa Monica, CA*

***Director of Application Development*** *• Humanities Department | University of California, Los Angeles (UCLA), Westwood, CA*

***Web Application Developer*** *• Neuropsychiatric Institute | UCLA*

***Computer Solutions Coordinator | Lead Developer*** *• Academic Senate | UCLA*

***Developer | Consultant*** *• UCLA School of Law | UCLA*

**Technical Proficiencies**

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| **Front-End** | Angular, ReactJS, Redux, SASS, CSS, BootStrap, DevExpress, Google Polymer (Material Design), Telerik, Kendo UI. |
| **Platforms:** | Amazon Web Services (AWS), Azure, PeopleSoft, WordPress, Android, Linux |
| **Database:** | SQL Server, Oracle, DynamoDB, MySQL, MongoDB, PostGres SQL |
| **Middleware** | Redhat, BizTalk, SpringBoot, ExpressJS, Pivotal Cloud Foundry, SailPoint IIQ 7.3, Boomi, EntityFramework, RedGate, PowerBI, SharePoint |
| **Languages:** | Java, JavaScript, C#, C++, Python, SQL, HTML, TypeScript, XSLT, XAML, ASP.Net Razor, T-SQL, PL-SQL, SQL Script, JQuery, CSS, HTML5, Angular, Google Polymer, Powershell, PeopleCode, NT Script, VBScript, VBA, Google App Script, Go Lang, Amazon States Language,. Shopify liguid template, Hashicorp Configuration Language, JSON, T4, YAML, YML |
| **Agile:** | Scrum & Kanban full SDLC |
| **CI / CD & DevOps** | GIT, Gulp, SVN, Docker, Bamboo, Azure & AWS: Repo | Pipelines | Test Plans | Artifacts, Nexus |
| **CMS:** | Kentico, Ektron, Microsoft D365, SiteCore, SharePoint |
| **Cloud Services:** | AWS: Lambda, EC2, IAM, Cognito, S3, DynamoDB, API Gateway, ElasticCache, ElasticSearch, CI/CD (listed above), SQL, SNS, CloudFormation, RDS, CloudFront  Azure: VMs, Functions, Service Fabrick DNS, VPN Gateway, Blob Storage, API Apps, SQL, CI/CD (listed above) |
| **Software & Tools:** | PostMan, Chrome Dev Tools, SQL Profiler, SQL Navigator, TOM Trackpoints, SQL Management Studio, SQL Reporting Services, RedGate, BizTalk Studio, Boomi, Sailpoint , Fiddler, SpringBoot, EntityFramework, Nihbernate, IntelliJ, Eclipse, VisualStudio All, BI Studio, TFS, GIT, SVN, Terraform, JIRA, Confluence, Dynamics 365, Photoshop, Illustrator, Solid Works. |

**Education and Credentials**

**Bachelor of Arts in International Economics**

Minor in Computer Programming with C++

University of California – Los Angeles, Los Angeles, CA

**Certifications**

Microsoft Certified Professional (MCP), Microsoft Certified Application Developer (MCAD)

Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition

Developing XML Web Services and Server Components with Microsoft Visual C# .NET and the Microsoft .NET Framework

Developing and Implementing Web Applications with Microsoft Visual C#! .NET and Microsoft Visual Studio .NET

Developing and Implementing Windows-based Applications with Microsoft Visual C# .NET and Microsoft Visual Studio .NET

Certified Kentico Developer, Certified Ektron Developer, Certified SiteCore Developer

**Honors and Awards**

Ektron – 1st place in XSLT / XML based CMS Implementation (<https://www.ringling.com/>) 2008

FoodNetwork – Best UI/UX design 2011