James Le

Santa Ana, CA, 92704 Email: [dohuul@gmail.com](mailto:dohuul@gmail.com) Phone: 626 944 0933 U.S.Citizen

**PROFESSIONAL SUMMARY**

Proactive Software Engineer with 12 years in the field, specializing in developing and testing web services, and client/server applications, and integrating diverse systems into functional solutions. A dependable resource, always available to support business needs and ensure the highest quality of work is delivered within strict timelines.

* Excellence knowledge and implementation skills in complete Software Development Life Cycle.
* Experience in Agile Projects; worked closely with Product Owners and Developers and QAs in Agile and attended different meetings like Sprint Planning, Scrum, Sprint Review, Retrospective.
* Experience in gathering requirements and data to support the creation of Technical Design Documents.
* Experience in building web services for Active-Active pattern (AWS Cloud multi region), Blue Green pattern (for AWS Cloud deployment), and Third-Party vendor integration.
* Experience in working with microservices, and multi layered architecture.
* Experience in using Terraform (infrastructure as code) for AWS deployment.
* Experience in setting up CICD for deployment and testing using Azure pipeline.
* Experience in utilizing monitoring tools such as Splunk and CloudWatch to integrate them into systems for real time monitoring and alerting.
* Experience in desigining and implementing configurable software test automation framework from scratch.
* Experience in creating a system of utilities and tools on top of internal resources to help with daily work activities.
* Experience in working with multiple projects in parallel and taking on additional challenges outside of regular responsibilities.
* Knowledgeable in using mock data to streamline testing and development for complex vendor data and system failure.
* Experience in performing Integration testing, Regression Testing, Database testing, Data verification testing, Load testing, and Stress testing.
* Experience in troubleshooting issue in Production environment using application log and application resource monitor.

**SKILLS & TOOLS**

* Technologies/Framework:RESTful Web Services, Microservices, MVC, Web Application, Window Application, .NET, NodeJS, React, Bootstrap, Puppeteer, Selenium Web Driver, Playwright, Visual Studio MS Test
* Testing tools: K6, JMETER, SOAP UI, .NET Console App
* Test Automation design: Layered Architecture, Page Object Model
* Version Control Tools: GIT (Azure DevOps), TFS (Visual Studio)
* Database: Microsoft SQL, PostgreSQL, NoSQL (AWS Dynamo)
* CICD Tools: Azure Pipeline
* Deployment: Terraform
* Monitoring tool: Splunk, Cloudwatch
* Programming Language: C#, JavaScript, Python
* Other languages/technologies: HTML, CSS, XML, JSON, XPath, JSON Path, XSLT, YML

**WORK EXPERIENCE**

**First American Mortgage Solution**

**Senior Software Engineer 2014 – Present**

**FraudGuard is a mortgage fraud detection and prevention solution delivered as a Software as a Service (SaaS), built on a**

**Service Oriented Architecture (SOA).**

* Collaborated with Products and Technical Leads to define requirements, and with QA and DevOps teams for testing and deployment.
* Created technical design documents (TDD) for designing systems and components under changes, utilizing UML diagrams and flowcharts.
* Migrated several on-premise web services to AWS cloud using C#, NodeJS, AWS Lambda, S3, and DynamoDB.
* Developed scheduled tasks to address issues outside of application functionality, such as data migration and SQL table modifications, using C#, SQL Client, AWS S3, AWS Lambda, and AWS CloudWatch events.
* Automated the loading of vendor data for internal consumption using Puppeteer, Axios, NodeJS, AWS S3, AWS Lambda, AWS CloudWatch events, and Terraform.
* Integrated Splunk into application for monitoring and realtime alerts.
* Automated deployment and creation of AWS resources using Terraform.
* Automated report generation using in-house web services, SPLUNK queries, C# Threading, Selenium Web Driver, .NET REST Client, and .NET SQL Client library.
* Utilized Azure Pipeline for CICD to build, deploy, and test AWS services.
* Employed Azure Pipeline for CICD in regression testing with K6, Selenium, MS Test, and Playwright.
* Implemented UI automation for Iframe navigation, PDF validation, file download verification, and new tab/window using Selenium.
* Implemented a daily report scheduled to run daily to monitor application health using Selenium and C#.
* Developed several in-house tools such as S3 reader, web service client utilities, and SQL table reader to streamline daily tasks.
* Worked on security updates to prevent software vulnerabilities.
* Provided support during Production releases, outages, and hotfixes using SPLUNK, SQL, AWS CloudWatch.
* Designed and implemented data quality comparison automation tests producing statistical values to provide deep insight into the effect of invasive modifications such as Business Logic and Vendor changes.
* Improved automation reliability by breaking large tests into smaller ones, applying retry when needed, avoiding duplication, and emphasizing reusable code.
* Analyzed vendor data model, documents, and sample responses to create a portfolio of mock data for application development, Production troubleshooting, and Test Automation for all Vendor sources.
* Assisted in training new hires.
* Utilized Fiddler, PostMan, in-house applications, and Web Browser Developer Tools for daily activities.
* Employed Selenium, Playwright, JavaScript, and .NET for creating functional test automation.
* Used JMETER, SoapUI, K6, and .NET for creating load test automation.

**Interthinx**

**Software Engineer 2012 – 2014**

* Developed automated tests suites for testing web applications using IBM RFT, JS Phantom, Casper JS, and Code UI Test.
* Conducted load test using SOAP UI, and MS Test.
* Assisted Senior Developers with development tasks such as web service unit test, update store procedure, technical design document, and create deployment packages.
* Created test plan and test cases for functional, load test, and stress testing.
* Designed an automated C# app scheduled to run hourly to check the health of major services.
* Integrated C# MS Test into in house regression test tool.
* Assisted QA Manager during release by volunteering to run regression to verify application health.

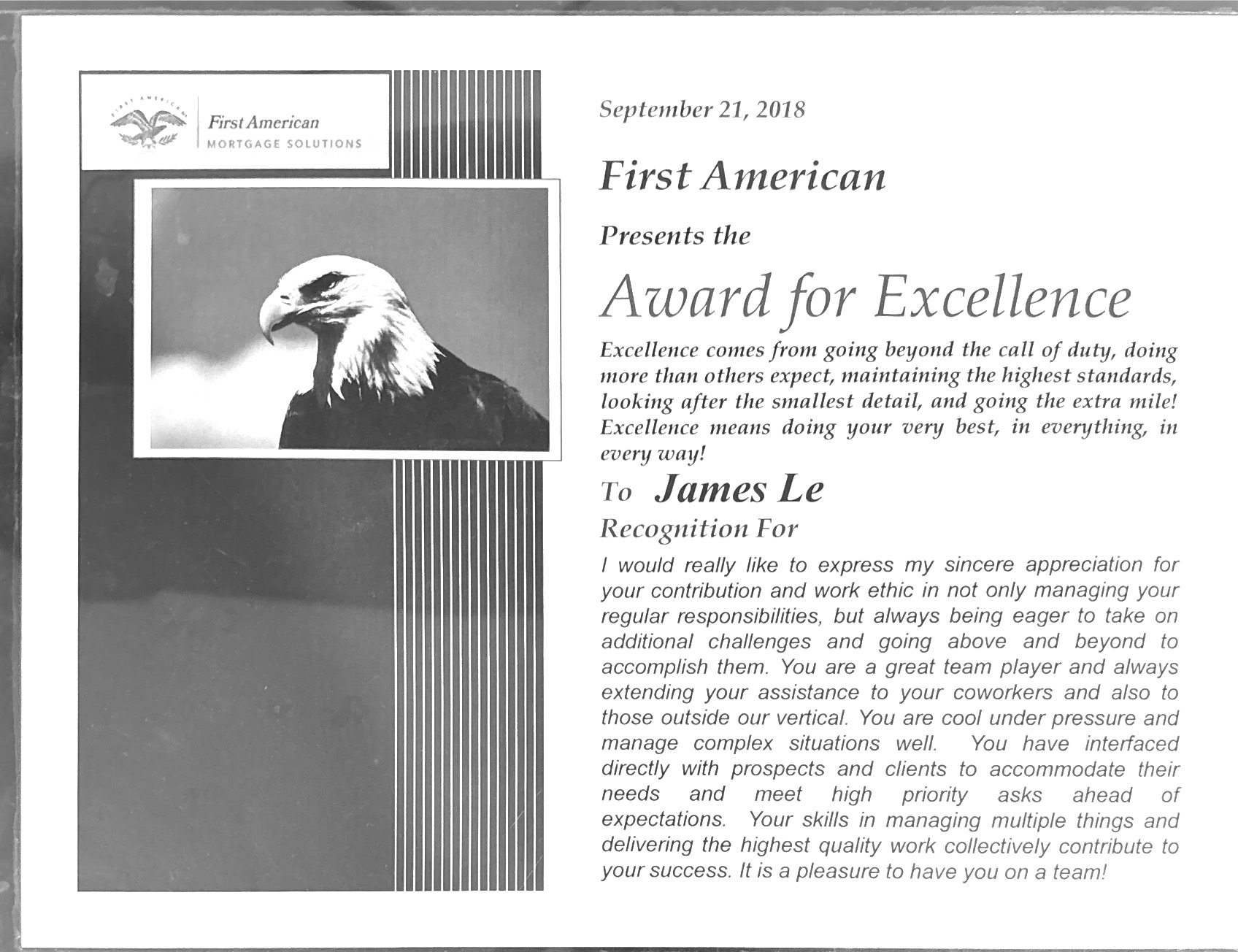
**EDUCATION**

• Computer Engineer - Bachelor of Science, University of California Irvine   December 2011

• Udacity online learning platform – Front End Web Developer November 2016

**AWARD**

• Award of Excellence – First American September 2018



**AWARD**

• Expect Excellence Certificate of Appreciation - Interthinx April 2013

