

LIEM NGUYEN

Software Integration Engineer / Consultant

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PROFESSIONAL SUMMARY

- **4+ years** of software development experience in the Enterprise Application Integration (EAI) space
- Certified **MuleSoft Professional Developer (Mule 4)**
- Certified **Dell Boomi Professional Developer and Production Administrator**
- Expertise in developing **Message Flows** in Mule ESB with use of appropriate flow processing strategies to optimize data flow performance
- Strong experience in managing **MuleSoft API Lifecycle** across all stages of development (DEV, QA, PROD)
- Experience in advanced asynchronous messaging such as queueing and publish/subscribe using **ActiveMQ**
- Proficient in exposing and consuming **REST and SOAP web services** and developing **RESTful APIs**
- Strong experience in **Data Transformation** across different iPaaS using Groovy, Java, DataWeave 2.0
- Strong experience in using **CI/CD** tools and operating environments such as CircleCI, GitHub, Maven
- Experience in integrating ERB & CRM systems such as **Acumatica**, Clarizen, Google BigQuery, iCIMS, Informatica, JIRA, **Salesforce.com**, SAP Concur, SAP SuccessFactors, Solidus, **Workday**
- Strong experience in front-end application development using HTML, CSS, JavaScript
- Strong experience in gathering business requirements and translating them to technical solutions
- Excellent **oral and written communication skills and strong presentation skills**
- Experience in working with Agile and Kanban methodologies
- Experience in project leadership, software consulting, and peer mentorship

EDUCATION

University of California, Davis (Class of 2017)
B.S. Computer Science, Minor in Technology Management

TECHNICAL SKILLS

- **ESB/EAI:** Mule ESB, Dell Boomi, Jitterbit, Informatica
- **Programming Languages:** Java, Python, SQL, JavaScript, Dataweave (2.0), Groovy, RAML
- **IDE & Integration Tools:** Anypoint Studio, Anypoint Platform, Eclipse, Dell Boomi Atmosphere, Jitterbit
- **Databases:** Active Directory, MySQL, MS SQL Server, Oracle, PostgreSQL
- **Web Services:** SOAP, REST, RSS
- **Testing Tools:** Postman, Curl
- **Operating System:** Windows, OS
- **Defects Tracking & CI/CD Tools:** JIRA, Maven, Circle CI, GitHub
- **Others:** JSON, XML, XSD, LDAP, EDI, WSDL, XPATH

WORK EXPERIENCE

MuleSoft Developer and Administrator

June 2019 - Present

JUUL Labs Inc. / *San Francisco, California*

- Responsible for developing and administering all-things MuleSoft in the IT department
- **Led initiative to re-develop and migrate all legacy integrations from Jitterbit to MuleSoft**
- Developed key data integrations which serve **Accounting, HR, IT, R&D and Supply Chain** teams

- Deployed over two dozen Mule applications into CloudHub with vertical scaling by making proper use of load balancers and VPCs
- Implemented asynchronous messaging (pub/sub) across all Mule applications using Anypoint MQ, ActiveMQ
- Documented and designed RESTful APIs as per RAML specification at system and experience-layer levels
- Implemented batch processing to account for large data payloads for multiple business use cases
- Created cache strategies for large and frequently-used database queries to appropriately store them in TTL settings in order to reduce processing loads and improve speed of processing messages
- Created test cases using MUnit across all Mule applications to validate development during integration testing
- Implemented best practice guidelines which include data transformation and error logging to ensure optimal data flow performance
- Worked primarily with Salesforce.com, Acumatica, Google BigQuery, Solidus, Workday, Databases

Environment: Mule ESB 4.x, MuleSoft Anypoint Studio 7.x, MuleSoft Anypoint Platform (CloudHub), AnypointMQ, Oracle, Jitterbit, Dell Boomi, CircleCI, NewRelic, Google BigQuery, GitHub

Integration Developer

June 2017 - June 2019

8x8 Inc. / *San Jose, California*

- Responsible for developing and administering all-things Dell Boomi in the IT department
- **Re-developed and migrated over legacy integrations from Dell Boomi to MuleSoft**
- Deployed over two dozen Boomi processes into Boomi Atmosphere by making proper use of Boomi Molecules and Atom Cloud configurations
- Developed integration to automate employee onboarding to fast-track hiring between iCIMS and SuccessFactors
- Developed key integration to automatically detects credit-card failure for all customers of 8x8 by building web service APIs to sync with Salesforce.com and integrate with our internal database system
- Developed integration to report/track expenses for 8x8's executive team between Clarizen and SAP Concur
- Built Boomi processes implementing connectors like FTP, Mail, Database, Salesforce, Web Services Listener, HTTP Client, Web Services SOAP, SAP SuccessFactors, Workday, etc.
- Built reusable custom Groovy and Java scripts to transform data for multiple Boomi processes
- Built Mule applications implementing connectors like File, Email, Database, Salesforce, HTTP, JMS, VM
- Created cache strategies for large and frequently-used database queries to appropriately store them in TTL settings in order to improve speed of flow processes
- Coordinated with QA team to create test cases to validate development during integration testing
- Implemented best practice guidelines which include error logging to ensure optimal data flow performance
- Built "8x8 Connect", our company's **first global social network (Intranet)** for 2,500+ employees across 5 countries, by building web applications with Google APIs, leveraging Google Analytics to improve user experience, and working directly with IT and HR department leaders to understand company needs
- **Environment:** Dell Boomi Atmosphere, Mule ESB 4.x, MuleSoft Anypoint Studio 7.x, MuleSoft Anypoint Platform (CloudHub), AnypointMQ, Jitterbit, Apex Salesforce, Oracle, Eclipse

Software Engineering Intern

June 2016 - September 2016

Hacklabs / *Sydney, Australia*

- Traveled across the world to join the engineering team at Hacklabs, a software security consultant company
- Built an automation tool that collected online security leaks from Fortune 5000 companies, by integrating Maltego and MindManager by writing 4,000 lines of Python code and working alongside penetration testers
- **Environment:** Maltego, MindManager, Eclipse