**SUMMARY**

Over 18 years experience in building high-performing teams around cloud-enabled technologies. Some key accomplishments:

* At Carlypso, designed and implemented data enrichment platform for online used car sales platform, using machine learning and AI to automatically score, price, and market vehicles for sale. Platform was key driver for acquisition of the company by Carvana.
* Successfully launched Honorlock’s new product from prototype to production-ready in two months, scaling it to 30,000 concurrent sessions in a cloud-based environment (AWS) using PHP / Laravel, MySQL, and SQS
* Played key leadership role in implementing Ultimate Software’s award-winning UCloud, an internal Platform-as-a-Service (PaaS) cloud platform, including automated provisioning mechanisms, per-service metering, and rapid deployment mechanisms.
* At Miniclip, successfully migrated two physical data centers into the Amazon Web Service (AWS) cloud, supporting over 20 terabytes of data and over 150,000 concurrent user connections with minimal downtime.

**EXPERIENCE**

**Sr. Directory of Technology**

**AAJ Technologies / OZ Digital Consultants (renamed)** 3/18 to Present

***High growth digital transformation consultancy***

* Engineering director for over 150 engineering resources across local and remote locations
* Practice manager for Funded Startups initiative, building a new line of business with over $500,000 book of business in 6 months
* Lead organizational change to restructure engineering delivery teams into discipline-based Studios across multiple geographic locations
* Initiate and guide the company through an organization-wide Agile transformation

**Independent Consultant**

**Miami / Fort Lauderdale, FL** 8/17 to 3/18

Providing technical and leadership expertise to clients. Engagements include:

* **Blockseed Investments –** Assist with product development roadmapping and engineering management to create an effective beta product
* **Live Coin Watch** – Provide technical advisory services to high growth cryptocurrency data service. Assist with scaling, data architecture, and product roadmapping
* **mTab** – Proof of concept moving legacy proprietary file-based data warehouse to Amazon Redshift. Migration was key factor in acquisition by Milestone Partners
* **SalesDialers** – Rearchitect lead generation data system to scale beyond 100 million leads and shrink overall search times to less than a second
* **Hypeddit** – Improve performance and scaling of primary audio streaming website through database redesign and infrastructure scaling on AWS
* **RevCloud –** Architect large scale data capture and disambiguation system. Also assist with overall team building, recruiting, retention, and training.

**VP, Product Delivery / Backend Automation**

**JetSmarter, Inc – Fort Lauderdale, FL** 3/17 to 8/17

Democratizing private air travel through innovative technology.

***Entire team was separated due to company restructuring.***

* Managed 12 member engineering team to automate manual workflows for operational teams with a goal of reducing operational overhead and improve member experience
* Collaboration across all key executive stakeholders, including strategic direction and prioritization, as well as working across geographically dispersed technical team
* Drastically improve engineering efficiency by implementing agile processes and delivery mechanisms, and guide team through the maturation process, leveraging data to drive delivery decisions
* Complex platform consists of Node.js, Postgres database, Javascript / Ajax front-end, JQuery, python data management scripts, multiple AWS components, etc, supporting both iOS and Android mobile front-end apps

**Director of Engineering / Architect**

**Carlypso, LLC (acquired by Carvana) – San Francisco, CA** 7/16 to 3/17

Innovative internet-based B2C pre-owned car buying service.

***Successful exit through acquisition by Carvana.***

* Lead engineering efforts of 9 software engineers, building data capture and enrichment platform to support day to day sales operations
* Define overall product architecture, including application design, data architecture, cloud infrastructure scaling, and application deployment.
* Move entire platform from MEAN stack to Python, Node.js / javascript, MySQL, and consolidate infrastructure into single environment in AWS
* Establish product and development lifecycle processes, including product management workflow, agile workflow, CI/CD, and release processes.
* Hands-on application and infrastructure support, including system administration, database administration, infrastructure provisioning, service refactoring, performance management, etc.

**CTO (Contract)**

**Honorlock, LLC – Boca Raton, FL** 12/15 to 6/16

Cutting-edge academic integrity solution for educational institutions.

***Successful completion of contract with product launch.***

* Establish and execute on rapid development effort to evolve initial prototype and successfully launch to market-ready beta in about 8 weeks.
* Established initial technical team of 5 with a combination of in-house and off-shore/remote resources.
* Successfully scaled product to 30,000 concurrent sessions in a cloud-based environment (AWS) using PHP / Laravel, MySQL, and SQS
* Defined and created seamless build and deployment process utilizing best practices for continuous delivery.
* Established product management practices, to include product/market analysis, functional requirements definition, technical specifications, backlog management, risk management, etc.

**Director, Technical Product Management - Platform**

**Ultimate Software – Weston, FL** 11/14 to 11/15

Leading cloud-based Human Capital Management (HCM) service provider.

***Project completion of internal cloud platform build.***

* Drive technology roadmap of company’s cloud platform initiatives, with a focus on “Platform as a Product”.
* Ensure alignment between business objectives and technology strategy by maintaining close relationships with key stakeholders
* Define and execute on the roadmap of for all aspects of the company’s Platform portfolio, including IaaS and PaaS.
* Platform includes a very wide set of technologies, including IaaS and hybrid cloud management fabrics (AWS, CloudStack, TeamCity, chef, etc), Windows, ASP.NET, Linux, SQL Server, MySQL, NoSQL (MongoDB, Cassandra, Redis), C#, Go, NodeJS, etc.

**Director of Engineering, Platform Services**

**CareCloud Corporation – Miami, FL** 12/13 to 10/14

Breakout cloud-based electronic health records (EHR) SaaS provider.

***Entire team separated due to company pivot.***

* Drive CareCloud’s platform towards a more open, integration-centric service.
* Build and manage a team of 8 engineers, including software developers, QA, and database adminitrator
* Shift current architecture of the platform from a monolithic N-tier application to a more service-oriented architecture (SOA) to enable extensibility and high-growth scaling.
* Hands-on development of platform components, including API framework, data migration components, and CD pipelines.
* Technology includes AWS, Ruby/Rails, Sinatra, Postgres, MariaDB, Galera, MongoDB, Couchbase, Redis, Apigee, etc.

**Database/Architecture Manager**

**Miniclip SA – Ft Lauderdale, FL / London, England** 11/11 to 11/13

***Most popular casual gaming site on the Internet***

* Designed and implemented custom replicating agent from MySQL to Redis for caching and presorting of high scores.
* Successfully migrated two physical data centers into the AWS cloud, supporting over 20 terabytes of data and over 150,000 concurrent user connections with minimal downtime.
* Database architecture includes MySQL RDS, MongoDB, DynamoDB, Redis, and ElastiCache

**EDUCATION**

**Hawaii Pacific University – Honolulu, HI**

Associates of Science in Computer Science