

# Christopher Moscoso

## Lead Software Engineer

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### Summary

- ✓ Lead Software Engineer with 8+ years of professional experience building web and cloud applications across enterprise and startup environments.
- ✓ Specializes in high-scale, PCI-compliant payment platforms that process millions of dollars per day, while providing technical leadership through mentorship and guidance in design and code reviews.

### Work Experience

#### Universal Destinations & Experiences (NBCUniversal) · Remote

##### Lead Software Engineer

Dec 2022 – Present

##### Programmer Analyst (Contractor) via TekSystems

Feb 2022 – Dec 2022

- ✓ Oversees development on the Revenue Operations (RevOps) team, delivering and maintaining PCI-compliant payment systems supporting Universal's digital commerce and theme parks worldwide
- ✓ Implements microservices in Node.js/TypeScript deployed to Kubernetes clusters on-prem and on Microsoft Azure that process millions of dollars in transactions daily.
- ✓ Integrates third-party REST APIs, most notably SAP Commerce (IBM-hosted) and ACI Payon, to enable secure, scalable checkout flows.
- ✓ Collaborates with architects and QA to ensure high code quality, test coverage, and adherence to engineering best practices.
- ✓ Assisted in PCI Compliance audits to validate security controls and safeguard payment data.
- ✓ Awarded the Digital Star Award (2024) for innovation, integration, and accelerating digital transformation across Universal Destinations & Experiences worldwide.

#### Hill Rom via Hays · Remote

##### Back End Microservice Node Developer

Feb 2021 – Sept 2021

- ✓ Contributed to a Node.js microservice for supporting secure video conferencing for medical care.
- ✓ Worked within a Test Driven Development (TDD) environment, writing and maintaining unit tests with Mocha, Jasmine, and Sinon to ensure reliability in a healthcare setting.

#### Odysseus Software Company · Remote

##### Founding Full Stack Developer

Jan 2018 – Mar 2020

- ✓ Designed and implemented *SoPo (Social Poker)*, a multiplayer mobile/web app using Ionic 4, Angular (TypeScript, SCSS, HTML), and Node.js/TypeScript with a Google App Engine backend.
- ✓ Leveraged Firebase (@angular/fire), Node.js Cloud Functions, and Stripe API to deliver scalable serverless features for gaming and payments.
- ✓ Implemented event-sourcing architecture, state management with NgRx (@ngrx/store, @ngrx/effects, @ngrx/entities), and asynchronous programming with RxJS Observables/Operators and ES6 Promises.
- ✓ Built secure, responsive UI/UX with router guards, lazily loaded modules, and reactive forms (custom controls, validators, async validation).
- ✓ Managed deployment and operations on Google Cloud (App Engine, Functions), delivering reliable PWAs with smooth error handling.

**Freelance** · *Miami, FL / Tampa, FL / Gainesville, FL*

**Web Developer**

**Sep 2015 – Dec 2017**

- ✓ Created responsive websites for business owners, artists, entrepreneurs, and charities.
- ✓ Websites ranged from single landing pages to custom WordPress themes to web apps to unique designs, most notably a website made to look like a smartphone home screen full of apps.

**Media 8** · *Miami, FL*

**Junior Web Developer**

**Summer 2013 & 2014**

- ✓ Developed a variety of responsive WordPress websites for well-established clients such as Sony, Starwood Hotels, and Peru Travel.
- ✓ Responsible for coding designs, ensuring pixel-perfect design fidelity from Photoshop mockups
- ✓ Worked directly with the Vice President of Technology to develop RESTful APIs.

**Royal Caribbean Cruises Ltd** · *Miami, FL*

**Software Engineering Intern**

**June 2012 – Aug 2012**

- ✓ Built a multi-threaded Java networking application for internal business operations.
- ✓ Contributed to an internal department iPhone app in Objective-C.

**Education**

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**University of Florida** · *Gainesville, FL*

**Graduated May 2016**

- ✓ BS: Computer Science in the College of Engineering

**Coral Reef Senior High** · *Miami, FL*

**Graduated June 2011**

- ✓ Graduated #1 in the Academy of Business and Finance

**Skills**

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- **Languages:** TypeScript, JavaScript (ES6+), HTML5, SCSS/CSS3, Java, SQL, Objective-C
- **Libraries:** Node.js, Express, Socket.IO, RxJS, NgRx, Angular, Angular Material, Ionic
- **Architecture & Design:** Microservices, REST APIs, Event Sourcing, Serverless, PWAs, Reactive Forms
- **Cloud & Infrastructure:** Microsoft Azure, GCP (App Engine, Cloud Functions), Docker, Kubernetes
- **Databases:** NoSQL (Firestore, Datastore, CouchDB, MongoDB), SQL (PostgreSQL)
- **Practices:** Agile/Scrum, TDD (Mocha, Jasmine, Sinon)
- **Tools:** Git, Gitlab CI/CD, Github Actions, Swagger, Postman, JIRA