

Miguel Gutierrez Kamayd

Senior Software Architect | kamayd@gmail.com | +1 (786) 768-1914

Summary

Professional, highly qualified and passionate full stack Senior Software Architect based in Cape Coral, FL, USA. Strong hands-on experience in software applications design and development. Self-motivated with good problem-solving skills and fast learning abilities, used to developing quality software under strict deadlines.

I have created several mobile and web apps using web technologies like Ionic, Angular, React, node.js, C#, Django, Python, AWS and many others for over 17+ years. I co-founded Pooler Inc. and led the pooler team in the development of the pooler.io app from idea to product. I have been working with many clients around the world developing mobile and web apps enjoyed by millions of people.

I lead the engineering team at Play2Pay in developing innovative solutions for the gaming industry. Allowing us to achieve continuous innovation and growth.

Professional Experience

Senior Software Engineer at Play2Pay.

Cape Coral, Florida, USA. July 2020 to present.

I have the pleasure to be the Architect of all the engineers at play2pay. Our team mission is to allow our users to pay bills and make money by playing games. See <https://play2pay.com/> and <https://aditup.com/>

Stack: Backend in Django Python. Android app using Kotlin and iOS app using Flutter/Dart

I had other roles at Play2Pay years ago like Software Engineering Team Lead and Senior Software Engineer.

Senior Software Engineer at Boats Group.

Miami, Florida, USA. June 2018 to April 2020.

I am always focused on improving/learning and helping the team to be more efficient using the Agile/SCRUM methodologies. A typical day at Boats Group for me involves working on the apis, adding a new feature or improving the performance of a particular end-point. They are mostly JavaScript with node.js/hapi swagger (test in lab). The legacy ones are in Java. Databases: Elasticsearch (Painless), Mysql, DynamoDb. CI/CD: BitBucket/Jenkins/AWS.

I will also work on the portals, creating, reviewing and merging PRs. 99% of the front-end are React (test in jest) using Redux and React Hooks. Legacy projects are in JSP and PHP. Other responsibilities include troubleshooting production issues and solving P0s, when they happen.

Helping with cost reduction either in AWS or some of the integrated 3rd parties like twilio. I spent most of my time improving the 2 main portals: [yachtworld](#) (1# boat site in the world) and [boattrader](#) (1# boat site in the US).

Co-founder and President/CTO at Pooler Inc.

Miami, Florida, USA. March 2017 to June 2018.

I co-founded and led the development of the pooler.io app. Pooler.io is an app for playing the state lottery from your phone and it's the first lottery app where players can buy Florida lottery tickets available on the app store. It's an Ionic and Angular app developed in TypeScript.

I designed and implemented the pooler.io backend APIs, social media campaigns and landing page. The backend was implemented using AWS Lambda and DynamoDB for best scalability using serverless.

Increased by 500 folds tickets processing speed by developing computer vision technologies and several admin tools. Using Python (numpy, opencv)

Senior Web Developer at Carnival Cruise Lines

Miami, Florida, USA. July 2015 to March 2017.

Performed several interviews to hire Senior Software Developers for our team and mentorship to junior developers.

Tried new technologies and introduced AngularJS to the team and SEAMS, a tool for scheduling and managing voyage data.

Led the front-end onshore and offshore team. Delivering iOS/Android apps like Shorex for selling excursions and Pixels for selling photos. Developed using Ionic and AngularJS.

Developed .Net and SQL microservices and reviewed pull requests on a daily basis to ensure best practices. Delivering OMS Order Management System, for selling/managing photos.

Maintained legacy apps like Sherlock Admin UI, an internal tool for reporting and inventory of photos on the ships. This product uses ASP.NET MVC, jQuery and SQL.

Senior Software Developer at Business Systems Ltd (BSL)

London, United Kingdom. March 2013 to January 2015.

Led the offshore team in the development of CODES, a tailored video recording application relevant to the police and associated law enforcement agencies. I developed both components of the system, a WPF application mainly used for recording police interviews and an ASP.NET MVC web app.

Developed several digital call recording apps/platforms like Digivoice, WordWatch v5, OPEX Callcraft and others. We pioneered the use of Angular in Digivoice, developing with the very first Angular version, back in the days when it was not production ready yet.

Delivered projects with very positive feedback from multiple clients like the Bank of England, National Health Service (NHS), National Air Traffic Services (NATs), UK police forces and others. I met my mentor Dan Barua at BSL, who helped me to become a Senior Software Engineer.

Software Developer at National Institute of Digital Research (ICID)

Havana, Cuba. September 2010 to September 2012.

Designed and implemented Galaxy Plus, a system that provides real-time centralized information obtained from different physiological parameters monitors in an intensive-care unit. This is an asp.net MVC app with a .Net backend and SQL database.

I developed a WPF electrocardiogram monitoring app as part of Solutions for continuous monitoring of ECG signal, a system for monitoring the electrocardiogram signal of a patient, while he performs normal life activities in order to make an accurate diagnosis.

I like to play around with new technologies and build stuff in my free time. I have done some iOS/Android games like Orbit Duet. Play with raspberry pi and 3D printers. Build all sorts of web apps.

Skills Highlight

Problem Solving, Design Patterns	Flutter, JavaScript, TypeScript, AngularJs,
Python, Flask, Django, OpenCV	Angular, Ionic, React, Redux, React Hooks,
C#, .Net, ASP.NET MVC, .NET Core,	Jquery, Gulp, Grunt, Bower, Sass, CSS3,
WebAPI, Nancy, WPF	Less, HTML5, NPM
TDD, Jest, Jasmine, Lab, Xunit, Mocha,	NodeJs, Hapi, Express, Swagger, GraphQL
Karma, Protractor	Elasticsearch, MS SQL, MySql, PostgreSQL,
AWS, DynamoDB, AWS Lambda, Amazon	Redis, EntityFramework, MongoDB,
S3, Amazon Cognito, Serverless	RabbitMQ
Docker, Kubernetes	Agile methodologies, SCRUM
Flutter, Dart	Git, SVN

Education

Bachelor of Science (BSc 2:1 Honours) 2005-2010 (5 years Degree)

Computer Science at the Faculty of Mathematics and Computer Science, University of Havana, Cuba.

Courses Included: Software Engineering, Advanced Algorithms and Data Structures, Databases, Computer Networks, Compilers, Number Theory, Graphs, Combinatorics and Probability, Programming Languages, Computability Theory, Artificial Intelligence, Computer Graphics.

Honors & Awards

Bronze Medal at the Mathematics Olympics for Spanish speakers "V OLYMPIC OF MAY" May 1999.

Participated and won gold and silver medals in national math competitions in Cuba. (2001- 2004)

Languages

English Native or bilingual proficiency, **Spanish** Native or bilingual proficiency and **French** (Delf B1)

Corresponding (CECRL) Limited working proficiency

My resume online:

<https://kamayd.com>

My linkedIn profile:

<https://www.linkedin.com/in/miguelgutierrezkamayd>

Thanks for reviewing my resume. If you have any questions don't hesitate to contact me.

Miguel Gutierrez Kamayd | Sr. Software Architect | kamayd@gmail.com | +1 (786) 768-1914