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## Experience

- Jun 2008 to present [UKG](#), Weston, FL - Principal Software Engineer in Recruiting.  
(C#, NodeJS, Ruby, NetCore, Angular, React, RabbitMQ, Kafka, MongoDB, MSSQL)
- Delivered Indeed's integration on time constrain applying Lean Startup principles.
  - Containerized REC by migrating it to NetCore and deploying to K8.
  - Simplified services integration by publishing fat events on Kafka Streams.
  - Founded rCloud, allowing teams to deploy UKGPro in ESX, Openstack and GCP.
  - Designed HALO, the Angular reactive SPA frontend for rCloud.
  - Migrated rCloud from VMs with Chef into Docker and Kubernetes.
  - Refactored a Rails monolith into multiple microservices with REST APIs.
  - Switched inter-services restful communication to event driven with RabbitMQ.
  - Applied DDD, distilling the business rules by discovering a DSL called Corals.
  - Enhanced remote team collaboration with BDD, pair and mob programming.
  - Created, wrapped or improved mock frameworks in C#, Ruby and Delphi.
  - Automated all things via TeamCity pipelines in Kotlin, achieving CI/CD.
  - Converted TeamCity pipelines into Github Actions.
  - Evolved beyond TDD by adopting and evangelizing TCR.
  - Coached and facilitated XP, SCRUM, Kanban and SAFE adoptions.
- 2004 - 2008 [Alienware](#), Miami, FL - Software Engineer in Alienlabs.  
(C#, C++, ASP.Net, WPF, MSSQL)
- Optimized the PC provisioning process reducing the installation time by 25%.
  - Reengineered a legacy C++ account manager system into C# in four months.
  - Lead the team to deliver simultaneously WinForm and ASP.NET clients.
  - Defined the team's methodology mixing XP, Scrum and Crystal Clear.
  - Successfully introduced TDD with MSTest in the company.
- 2002-2003 [University of Miami](#), FL. Developed a budget tracking app in VB for the Admission Office.
- 2001-2002 [Grocerytaxi](#), Miami, FL. Migrated the website from HTML to classic ASP.
- 1998-2000 [Panautos](#), Havana, Cuba. Created the app used to rent the cars Delphi/MSSQL.

## Open Source

- |      |  |      |  |
|------|--|------|--|
| 2018 | <a href="#">Corals</a> . Sentient data structures.   | 2011 | <a href="#">Decaf</a> . Official Finesse/Slim driver for JS. |
| 2015 | <a href="#">Doble9</a> . Proper dominoes.            | 2010 | <a href="#">Raconteur</a> . ATDD framework for C#.           |
| 2013 | <a href="#">Frankendoc</a> . Brings documents alive. | 2008 | <a href="#">FluentSpec</a> . C# mocks with BDD flavor.       |
| 2012 | <a href="#">Datomicjs</a> . JS driver for DatomicDB. |      |  |

## Education

- 2001-2003 University of Miami, FL – BS Computer Science.
- 1994-2000 University of Havana, Cuba – BS Computer Science.