Name: **Nicolas Battaglia**

Role: Software Engineer - Senior

Location: Mar del Plata, Argentina

Nicolas is a Software Engineer with 8 years of experience in application development. He started working as a back-end engineer using .NET technologies and has switched his focus in the last couple of years to Node.js. He has also gained valuable experience leading teams and working with both back and front-end technologies and tasks. Nicolas is a proactive team player and a fast learner.

Work Experience

SPARK DIGITAL - SOFTWARE ENGINEER - NOV, 2019 - PRESENT

- Client: **Kitamba**
- Backend creation and design in node from day 0, focusing on scalability and performance.
- Working under es6 + standards, node v12.13.
- Implemented collaboration with Socket.io using web sockets as transport.
- Performance traceability log using AWS Xray.
- Authentication by connecting to a java environment using JWT.
- Use of lambdas subject to events, responses handled via subscription to SNS.
- Documentation of the entire API using Swagger.
- Implemented a complete REST API.
- Saved and subscribed to real-time data using AWS DynamoDb.
- Participated in sprints using SCRUM.
- Unit test via Mocha.js / Sinon / Chai / Proxyquire
- Coordinated and collaborated with the frontend team (React) to implement the RESTful contract for the different features.
- Tech: AWS.sdk, ES6, DynamoDb, Lambda, SNS, MultiPart uploads, Socket.IO, Express.js, Eslint, Mocha, Sinon, Proxyquire, mockAws, Chai, Winston, Husky, Git

SPARK DIGITAL - SOFTWARE ENGINEER - AUG, 2018 - NOV, 2019

- Client: Project: **Estimation Tool (Internal Project)**
- Designed and developed the backend functionality for a real-time collaboration tool. The application allows collaborative creation of a Gantt project.
- Created the complex calculations involving times and dependencies on which the Gantt representation relied.
- Implemented collaboration with Socket.io using web sockets as transport.
- Implemented a complete REST API for CRUD operations.
- Saved and subscribed to real-time data using Firebase as DB.

- Used Google JWT IDTokens as authentication/authorization.
- Created own JWT tokens for stateless session management.
- Collaborated in the definition of the requirements for the MVP, by participating in meetings with the Product Owner.
- Led the backend team, coordinating tasks assignment.
- Coordinated and collaborated with the frontend team to implement the RESTful contract for the different features.
- Delivery included: Node.js, Express, REST architecture (level 2), GoogleAuth, Firebase, WebSockets, Socket.io, JWT, lodash, Moment.js, Swagger

- Client: **Kaplan - Kaplan Marketing Services**
- Maintained a number of Marketing sites for Kaplan University
- Created new sites from scratch, both for Kaplan and for third parties that hire Kaplan services
- Developed the Search functionality for all the Marketing sites of Kaplan
- Developed a feature to sync CMS files (templates, components, and assets) with Github
- Provided support to releases
- Participated in refinement meetings, asking for clarifications and ensuring the stories were ready to be developed
- Made a proposal to better handle priorities in a Kanban model
- Delivery included: .NET, C#, Crownpeak, HTML, CSS, Javascript, jQuery, JSON, Solr

GLOBANT - SOFTWARE DEVELOPER - JAN, 2015 - AUG, 2018

- Client: **Deloitte - DCW**
- Implemented back-end functionality for an excel add-in application
- Led a 3-person team to rebuild a large part of the application and maintain existing modules
- In charge of executing deploy tasks for production and QA environments
- Supported the QA team focused on maintaining high test coverage
- Provided release support
- Participated in planning meetings using Planning Poker methodology to estimate development tasks and grooming sessions for planning and prioritization
- Participated in sprints using SCRUM methodology
- Delivery included: .NET, C#, JSON, WinForms, VSTO, TF and Access DB

- Client: **Deloitte - O&M**
- Maintained and developed a WinForms application and established a direct relationship with the client
- Conducted daily meetings with the product owner and the business analyst on the team
- Managed both back and front-end development using Telerik as Front-end
- Designed unit tests
- Provided release support

- Delivery included: .NET, C#, JSON, ASP.NET, HTML5, CSS3, XML, Telerik, SQL Server and TFS

- Client: **Deloitte - FEA**
- Maintained and developed a back-end application using Dependency Injection and Unity Container
- Drove improvements and maintenance for both front and back-end functionalities
- Solved bugs for the front-end, developed in Angular 2
- Worked daily with the UI and front-end developers to integrate new functionality
- Designed unit tests, focused on maintaining at least 80% of test coverage
- Delivery included: .NET, Unity Container, IoC, RESTful Web API, SQL Server, NuGet, .NET Framework 4.0, HTML5, CSS3, Bootstrap, JSON, XML and C#.

- Client: **Deloitte - XAMARIN**
- Developed a mobile application in Xamarin and led iOS development of the application, using MVVM architecture
- Developed layouts for different pages of the application using Xcode
- Provided release support
- Followed scrum methodology
- Delivery included: C#, Xcode, JSON, MVVM, Xamarin iOS, Scrum, Git, Jira and Stash

- Client: **Deloitte - DstartWeb**
- Maintained and developed an application using Dependency Injection, using Angular 2 in the front-end, and Web API to expose services in the back-end
- Helped build the business case for the new functionalities added
- Led the introduction of new people to the project
- Developed database structures
- Used OAuth to manage authentications, and Swagger to test endpoints
- Delivery included: .NET, C#, XML, JSON, HTML5, CSS3, IoC, Dependency Injection, Git, Jira, Slack, Swagger and OAuth 2.0.

SELF EMPLOYED - SOFTWARE DEVELOPER - JAN, 2018 - PRESENT

- Client: **Local Bars**
- Developed an application that consumes the Spotify services to obtain information about musical tastes
- Implemented the back-end services using Node.js as main technology and Express.js as web app framework
- Built tests using Mocha.JS, deploy and continuous integration of the application.
- Delivery included: Node.js, Express.js, Mocha.js, Heroku, Gulp, Nodemon, ES6, EsLint and PostgreSQL

FASTA UNIVERSITY - SOFTWARE ENGINEER - AUG, 2014 - APRIL, 2017

- Client: **Mar del Plata Municipality**

- Under the FOMO project (Mobile Forensics) and as a final project in Computer Engineering researched the Android operating system and how to extract their physical and logical data
- Developed and implemented a group of services required to identify, process and return sensitive information
- Delivery included: .NET, ASP.NET, JSON, XML, C#, HTML5, CSS3, Bootstrap, Web Api, SVN, MVC and Trello

QUALITY SOFT - SOFTWARE DEVELOPER - AUGUST, 2011 - JANUARY, 2015

- Client: **Argemar & Ctibor**
- Migrated an application written in COBOL to .NET technology
- Developed new requirements associated under MVC pattern
- Maintained and created all interactions with the database: stored procedures, triggers, functions, indexes and jobs on a SQL Server
- Delivery included: .NET, MVC, Visual Basic, SVN and SQL Server

Education & Training

- FASTA University - Informatics Engineer degree
- GraphQL course : certificate in https://udemy-certificate.s3.amazonaws.com/image/UC-4f288a26-aa8e-4030-8d8d-8c5e3d9798bc.jpg?v=1587941767000
- Git course
  - Date: January 2015
  - Duration 20hs (Theory + Practice)
  - Output: Developed the concept of git flows.
- Performance & Scalability in .NET course.
  - Date: January 2017.
  - Duration: 10hs (Theory + Practice).
- Unit Test in .NET course.
  - Date: March 2017.
  - Duration: 14hs (Theory)

Languages

- English: Upper-Intermediate
- Spanish: Native

Skills

TECHNOLOGY	YEARS OF EXPERIENCE
.NET	<8

SQL	<8
C#	<5
Git	<5
JSON/XML	<4
HTML5	<4
CSS3	<4
TFS	<3
Angular 2	<3
Node.js	<3
ASP.NET	<3
Express.js	<3
Bootstrap	<1
Xamarin	<1
Heroku	<1
ES6	<3
Nodemon	<2
Gulp	<2
Mocha.js	<2
EsLint	<3
PostgreSQL	<1
WebSockets	<2