

# GUILLERMO DAMIAN CORTES MARTINEZ

Senior Software Engineer | Full Stack Developer | Technical Project Leader

## EMPLOYMENT

- \*\* Solution Architect / Technical Project Leader**      **CodersLink, Austin, TX.**      **Jun 2017 – Today**
- Supported and Improved web and backend projects for file sharing and storage platforms.
  - Analyzed and generated design and solutions improvements to modernize legacy code.
  - Provided technical analysis to support the UI/UX team to ensure and improve the web mobile solution.
  - Conducted project analysis, design, estimates and risk identification and teammates activities tracking.
  - Developed several proof of concepts to enable the mobile capability for the current product.
  - Designed and developed frontend and backend architecture for the mobile solution improvement and optimization.
  - Performed several project improvements on frontend and backend increasing the number of best practices, unit test cases, and refactors.
- Application Architect / Development Team Lead**      **Ticketmaster, EPAM Systems, Los Angeles, CA.**      **Feb 2017 – Jun 2017**
- Performed code reviews and ensured functionality of delivered features on Android and iOS mobile application.
  - Monitored and motivated international project team members.
  - Conducted status meetings with team members in different countries and time zones.
  - Defined and identified priorities for daily objectives that were in line with overall project objectives.
  - Identified project risks and communicated for further actions and mitigation.
  - Communicated assignments and delegated tasks to project team members; ensuring that duties are performed entirely and on-time.
  - Maintained impeccable work ethic, settled and encouraged high standards within the team.
  - Managed project team members performance standards, initiated corrective actions, job advancement or termination when necessary.
  - Ensured that all project reporting information was accurate and performed in a timely manner.
- \*\* Application Architect / Technical Project Leader**      **ADROIT, Cuernavaca, Mor., México.**      **Oct 2015 – Feb 2017**
- Designed and developed architecture for cloud based medical record application.
  - Designed and developed architecture for android application for cloud based medical application.
  - Designed architecture for a cloud based online store and payments web application.
  - Developed frontend and backend components using TDD for online store and payments system.
  - Developed android application for an online store and mobile payments.
  - Generated responsive web analysis and design and development for mobile web components and widgets for custom framework.
  - Generated proof of concept for a social network, frontend and backend components using different NoSQL solutions.
  - Generated proof of concept for a mobile and cloud based application for resources administration, payments and control of students.
- \*\* Technical Project Leader**      **Southwest Airlines, Globant LLC, Dallas, TX.**      **Jan 2016 – May 2016**
- Conducted front-end code reviews based on internal standards ensuring web accessibility.
  - Ensured quality of backend code performing code reviews and tracking activities of product features development.
  - Estimated effort for maintenance and development of new web components for accessibility.
  - Generated prototype for session control and management using security components in house developed.
- Technical Project Leader**      **Sprint Corp., Los Angeles, CA.**      **Jun 2015 – Oct 2015**
- Improved UI/UX design for mobile web application according to the marketing team requirements.
  - Refactored frontend code of online store mobile web application.
  - Improved backend code of web service automation tasks.
  - Performed content management support activities and version release management.
- Technical Project Leader**      **Gemalto, Cuernavaca, Mor., México.**      **July 2014 – May 2015**
- Conducted java team coordination, project estimations, risk identification and escalation, release management and architecture design activities.
  - Supported production environment for critical mission enterprise applications and mobile banking platform.
  - Designed batch project solution for financial transactions and massive payroll dispersion.
  - Designed and developed performance testing plugin.
  - Designed and developed security components for enterprise applications (frontend and backend).
  - Improved performance and refactored legacy code in multiple projects.
  - Performed active participation on code quality revision across different projects and configuration management improvements.
  - Provided mentoring of design patterns, TDD, Test First, and Java best practices.
- Technical Project Leader**      **Marriott Int., Accenture, Washington D.C.**      **Sep 2013 – July 2014**
- Conducted front-end and backend team lead and senior software developer activities in an Agile with SCRUM project environment.
  - Designed, developed, tested and delivered features and components for hospitality web and mobile application.
  - Implemented web responsive design improvements for the reservation hospitality web application.
  - Implemented an automation testing and continuous integration platform for frontend and backend project source code.
  - Improved legacy code on enterprise applications using TDD, refactoring and design patterns on a continuous integration environment.
  - Designed and developed security components for authentication and authorization for an internal portal application.
- Senior Java Developer**      **Monsanto CoE, Softtek, Mexico City.**      **Mar 2011 – Sep 2013**
- Improved performance and user experience of rendering and data filtering of report engine.
  - Enabled legacy application reporting components, charting and UX to mobile platform.
  - Improved code quality and reduction of the number of falling cases over 90% using TDD (Test First and Re-factoring).

- Designed and developed security components and reporting features.
- Developed code performance improvements, re-factors and unit testing increasing the quality over the 40% for a forecast application.
- Designed and implemented service features, application production support and maintenance.

**Application Architect****Banamex, Hildebrando, Mexico City.****Nov 2010 – Mar 2011**

- Reviewed non-functional requirements on the architecture design and development.
- Ensured functional requirements transparency and traceability, verification and validation.
- Conducted architecture design and development for web services integration.

**Information Specialist****Hewlett Packard / EDS, Mexico City.****Mar 2008 – Nov 2010**

- Designed and developed custom trading business SOA service components.
- SOA uses cases BPEL implemented for Web Services components integration.

**Java Developer****Sabio Solutions, Cuernavaca, Mor., México.****Jan 2007 – Mar 2008**

- Designed and implemented a custom reporting engine for across multiple clients.
- Reduced application defects over the 70% on frontend backend legacy code.
- Created and configured production environments, maintenance and support.
- Improved web application look and feel and usability according to custom terminal requirements.
- Reduced risk over the 99% of transactions lost per year developing a contingency mechanism.

**TECHNICAL EXPERIENCE****Programming Languages:** Java, JavaScript, Go, Scala, Kotlin, C/C++, Ruby, Groovy, Python, ActionScript, SQL, PL-SQL, NoSQL, Bash Scripting.

**Frameworks and Technologies:** Junit, Mockito, EasyMock, PowerMock, Arquillian, XMLUnit, DBUnit, Unitils, Assert Fest, Hamcrest, Cucumber, JBehave, capybara, Robotium, ContiPerf, PMD, Findbugs Cactus, HP Fortify, JProfiler, JMeter, JMC, Visualvm, Weblogic, JBoss, IBM WebSphere, Spring Core, Spring Data, Spring Integration, Spring Web Services, Spring Batch, Spring Roo, Spring Cloud, Spring Boot, Reactor, JavaRX, Jersey (RESTful), Spark Framework, Swagger, Hibernate, MyBatis, iBatis, MySQL, Oracle DB, Informix, Oracle EDA, Quartz, EHCACHE, GridGain, Cassandra, MongoDB, Hadoop, Apache Spark, Google Cloud Platform, OpenStack, AWS, Docker, Heroku, Gemfire, Firebase, Elasticsearch, Struts, Apache Commons, Apache Shiro, Apache Kafka, Apache Flume, PrimeFaces, IceFaces, Struts, Apache Axis, CXF, Apache Camel (FIX), HTML5, CSS3, AJAX, JQuery UI, JQuery Mobile, Qunit, JSTestDriver, Jasmine, Angular, Karma, Protractor, Bootstrap, Backbone, Underscore, Prototype, Phonegap, Handlebars, Zepto, Qunit, Dojo, Phantom, Sinon, SASS, Susy, Compass, Mustache, Emmet, Jade, Yeoman, Mocha, Node, Socket.io (Websockets), IO, Require, React, Redux, Jest, CoffeeScript, Grunt, Bower, Google Maps SDK, Google App Engine, Android SDK, GWT, Stripes, Tapestry, Adobe Flex, Spring Roo, Groovy and Grails, Ruby on Rails, Play framework, Django, Jython, XML, XSD, XLT, DTD, DOM, StAX, SAX, Salesforce, Nuxeo, Akamai, Alfresco, IBM Clearquest, IBM Clearcase, Webpack, Gradle, Maven, Ant, npm, yarn, Bower, Gem, Git, GitHub, GitLab, Terraform, SVN, Hg, Teamcity, Eclipse, IntelliJ IDEA, WebStorm, MuleSoft Anypoint Studio, RMAL, YAML, Android Studio, Jenkins, Rundeck, Radiator, Bitbucket, HockeyApp, Confluence,

**Methodologies and Good Practices:** OOP, OOA&D, Functional Programming, UML, Agile, Scrum, Test First, Refactoring, TDD, BDD, XP, Continuous Integration, Continuous Delivery, Core J2EE Design Patterns, Go4 Design Patterns, Architectural Design Patterns, Security Design Patterns, Integration Design Patterns, SOA Design Patterns, Clean Architecture, Event Driven Architecture, Reactive Architecture, Microservices Architecture, Java Transaction Strategies, Peer Reviews, XP, SPA, Responsive Web Design, SMACS, OWASP, UI/UX Fundamentals.

**DevOps Engineer (2016):** Developed configuration management for CI/CD environment for frontend and backend development based on cloud.**Java Team Coordinator:** Conducted production support, design and solutions development for a critical mission project.**Front and Back End Developer Team Lead (2014):** Provided status of team development activities, issues and risks escalation to supervisor.**Code Quality Team Lead(2013):** Team lead for a local initiative in order to achieve code quality improvements across different JEE Applications.**Design Patterns Instructor (Jan 2010):** Course provided in order to promote the good design practices and design patterns to newcomers.**EDUCATION****B.S.E. Computer Software Engineering, minor in Mathematics, Dec 2006 – GPA: 3.3.** Mor., Méx, Instituto Tecnológico de Zacatepec, **2001 - 2006.****Certified Java Expert for Java.** Mexico City, Mexico Centro Netec / Sun Microsystems Training Center Mexico 2007 - 2009.**Trainings and Certifications**

SL-210 Migrating to OO Programming With Java Technology. Sun Educational Services  
 SL-110 Fundamentals of the Java Programming Language. Sun Educational Services.  
 SL-275 Java Programming Language. Sun Educational Services.  
 OO-226 Object-Oriented Analysis and Design Using UML. Sun Educational Services.,  
 SL-285 Java Programming Language Workshop. Sun Educational Services.  
 FJ-310 Developing Applications for the Java EE Platform. Sun Educational Services.  
 SL-314 Web Component Development with Servlets and JSP. Sun Educational Services.  
 SL-351 Advanced Business Component Development with Enterprise Javabeans Technology. Sun Educational Services.  
 SL-425 Developing Architectures for Enterprise Java Applications. Sun Educational Services.  
 SL-500 JEE Patterns. Sun Educational Services.  
 CCNA 1 Networking Basics.  
 CCNA 2 Routers and Routing Basics.  
 CSS Cross-Country. Code School  
 Responsive Web Design. Frontend Masters  
 IBM Process Server Basics.

TDD and Code Refactoring - Asynchrony Solutions Inc.  
 Rich Interfaces with Adobe Flex.  
 Agile Delivery School Training Accenture Agile Academy.  
 Java Programming Language for Java SE 6 Accenture Foundation Platform for Java (AFP-J) Architect School.  
 D3 Digital Design & Development.  
 JavaScript Language for Java Developers. Accenture Java Academy.  
 DATASTAX DS201: Cassandra Core Concepts  
 DATASTAX DS320: DataStax Enterprise Analytics with Spark  
 DS201: DataStax Enterprise Foundations of Apache Cassandra - In progress  
 MuleSoft.U Developer Essentials v3.7  
 MuleSoft.U Developer Essentials v3.8  
 MongoDB for Java Developers. MongoDB University.  
 AWS Certified Developer Architect – Associate – In progress  
 AWS Certified Solutions Architect – Associate – In progress  
**Sun Certified Programmer for the Java 2 Platform, Standard Edition 5.0.**  
**Sun Certified Web Component Developer for the JEE 5.**  
**Scrum Master – Scrum Alliance**