

# Gerardo Cortés

I'm a Sr Full-Stack Engineer that has experience leading projects from their architectural conception to their deployment to production. Prone to analyze code metrics and provide an observability solution to increase performance on development time and achieve reliable monitoring while on production.

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## EXPERIENCE

### **Bol.com, Utrech — Sr Software Developer**

MAR 2021 - Present

- Development of services to conciliate and centralize order tracking information from purchase to its delivery.
- Maintenance of performance scoring systems done in the cloud.

### **IBM, Heredia — Application Engineer**

JUN 2020 - JAN 2021

- Develop design, implement, and test application software
- Independently performs analysis to develop and implement high-level designs
- Research, develop and propose new technologies to improve application architecture

### **Backcountry.com, Lindora — Sr Full-Stack Software Engineer**

JUN 2014 - APR 2020

#### Marketing and Merchandising Team

- Led a six-member team, on the implementation of a new email service provider for the main sites through a centralized system, applying a stack-based state machine to ensure email delivery.
- Coordination between teams for migration into an ERP (NetSuite), particularly, strategizing execution, and risk assessment to ensure backward compatibility with the in-house merchandise architecture.
- Ensuring the quality of services provided by standardizing logging, monitoring and alerting, and creation of a load testing template.

#### Content Team

- Maintenance and development of projects for teams of creation of content.
- Creation of a tool for non-technical writers to publish HTTP content on

## SKILLS

Java · Kotlin · Spring  
Framework · Maven · Google  
Cloud Platform (GCP) · Scala ·  
Play Framework · Gradle · sbt ·  
Python · PostgreSQL ·  
MongoDB · Javascript · NodeJS  
· Angular2 · Docker ·  
Kubernetes · Jenkins · HTML ·  
CSS · SASS

## CERTIFICATIONS

Security Specialist, Certified  
Secure

Python for Scientists, CeNAT.

Making Sense of Data,  
Google.

CCNA (CISCO), Instituto  
Tecnológico de Costa Rica.

## LANGUAGES

Spanish: native language.

English: advance.

Japanese: beginner.

the site (Backcountry.com/explore).

- Design and implement an interdepartmental plan to allow backorders limited by purchase orders.

### Core Commerce Team

- Maintenance, development, and improvement through PCI Compliance, the cart, checkout, and log-in pages.
- Development of the mini-cart on the site.
- Supporting Marketing projects by the implementation of A/B testing, pixel creation, monitoring, alerting, and load testing.

## EDUCATION

### **Udacity—Blockchain Developer**

2021

Syllabus:

- Blockchain Fundamentals
- Ethereum Smart Contracts, Tokens and Dapps
- Blockchain Architecture
- Dapp with autonomous smart contracts and oracles

[Certificate](#)

### **Udacity—Full Stack Web Developer**

2020

Syllabus:

- SQL and Data Modeling for the Web
- API Development and Documentation
- Identity Access Management
- Server Deployment and Containerization

[Certificate](#)

### **Udacity—Data Structures & Algorithms**

2020

Syllabus:

- Data Structures
- Basic Algorithms
- Advanced Algorithms

[Certificate](#)

### **UCR, San Pedro— *Computer Science***

2006

School of Computer Science and Informatics.

### **Colegio Técnico Don Bosco, San Bosco— *Bachelor of Technology (B.Tech.)***

1999 - 2004