



Carlos Pineda

Software Engineer

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Passionate and detail-oriented Software Engineer with a strong foundation in developing scalable and maintainable software solutions. Specializing in Java, Spring Boot, and backend development, I bring expertise in Clean Code, Clean Architecture, and SOLID principles. Skilled in building robust systems, managing complex data processes, and deploying cloud-based solutions. Currently preparing for the Oracle Certified Professional (OCP) Java 17 Developer certification.
Personal Portfolio: <https://carlospineda.netlify.app/>

EXPERIENCE

CODE Éxitos, San Pedro Sula

August 2024 - Present

LMS Software Developer

Designed and implemented learning management system features for enhanced user experience. Developed scalable backend systems with Java and Spring Boot. Adhered to Clean Architecture principles, ensuring maintainable and testable code.

San Services Honduras, San Pedro Sula

November 2023 - August 2024

Software Engineer

Developed backend systems ensuring high performance and scalability. Built RESTful APIs using Spring Boot for seamless client-server communication. Integrated APIs to streamline business processes, focusing on scalable architectures.

Onetouch, San Pedro Sula

September 2023 - June 2024

Back End Developer

Develop robust server-side applications with NodeJS.

Nova Casa, San Pedro Sula

May 2023 - August 2023

Full Stack Developer

Developed full-stack web applications with a focus on seamless user experience.

DESOFIW

June 2022 - November 2022

Software Developer

EDUCATION

Universidad Católica de Honduras 'Nuestra Señora Reina de la Paz'

January 2020 - June 2023

Bachelor of Science - BS, Computer Science

During my Bachelor of Science in Computer Science at Universidad Católica de Honduras 'Nuestra Señora Reina de la Paz', I honed a variety of skills.

- I developed proficiency in troubleshooting and back-end web development, which allowed me to solve complex problems and contribute to team projects.
- I enhanced my communication skills, which helped me to effectively collaborate with team members and stakeholders.
- I mastered Object-Relational Mapping (ORM), which improved my efficiency in managing databases.
- I demonstrated my ability to multitask and pay attention to detail, which increased my productivity and the quality of my work.
- I became proficient in Microsoft Office, software development, and computer science, which broadened my technical skill set.
- I learned HTML5 and front-end development, which expanded my capabilities in web development.

Instituto Gubernamental Juventud Hondureña

January 2017 - November 2018

High School Diploma

- Completed High School education at Instituto Gubernamental Juventud Hondureña, earning a High School Diploma.

C.E.B Elisa Ch. de Cardona

Present

Elementary School

SKILLS

Programming Languages:

- Java
- JavaScript
- TypeScript
- Go
- PHP
- NodeJS
- SQL

Frameworks, Libraries and Tools:

- Spring Boot
- Hibernate
- React
- Spring Data
- Spring Batch
- Kubernetes
- Docker

Web Development:

- HTML
- CSS
- JavaScript
- TypeScript
- React

Software Design:

- Clean Code
- Clean Architecture
- SOLID Principles

Database Management:

- PostgreSQL
- Couchbase
- Oracle Database
- MySQL
- MongoDB

Cloud Platforms:

- AWS
- DigitalOcean

DevOps & CI/CD:

- Jenkins
- ArgoCD
- Kubernetes
- Github Actions
- JFrog Artifactory
- SonarQube

Other Tools:

- Postman
- Github

CERTIFICATIONS

SQL (Basic) Certificate

[HackerRank](#)

[Show credential](#)

Apr 2025

Software Engineer Intern Certificate

[HackerRank](#)

[Show credential](#)

Apr 2025

Java (Basic)

[HackerRank](#)

[Show credential](#)

Apr 2025

DevOps Complete Course

[Coursera](#)

[Show credential](#)

Apr 2025

Advanced DevOps Tools and Practices Coursera Show credential	<i>Apr 2025</i>
Build Automation and Continuous Integration Coursera Show credential	<i>Mar 2025</i>
Advanced Git and GitHub Practices Coursera Show credential	<i>Mar 2025</i>
Foundations of DevOps and Git Coursera Show credential	<i>Mar 2025</i>
English Proficiency Certificate Duoling English Test Show credential	<i>Jan 2025</i>
Software Engineering: Modeling Software Systems using UML Coursera Show credential	<i>Apr 2024</i>
AWS Cloud Technical Essentials AWS (Amazon Web Services) Show credential	<i>Nov 2024</i>
EF SET English Certificate 73/100 (C2 Proficient) EF SET Show credential	<i>Aug 2024</i>
Arquitectura Software Moderna: DDD, Eventos, Microservicios Udemy Show credential	<i>Jan 2024</i>
Learn Spring Boot 3 in 100 Steps - No 1 Java Framework Udemy Show credential	<i>Dec 2023</i>
Spring Framework Master Class - Java Spring the Modern Way Udemy Show credential	<i>Nov 2023</i>
The Complete JavaScript Course 2023: From Zero to Expert! Udemy Show credential	<i>May 2023</i>
Databases and SQL for Data Science with Python IBM Show credential	<i>Feb 2023</i>
Tools for Data Science IBM Show credential	<i>Feb 2023</i>
Master en PHP, SQL, POO, MVC, Laravel, Symfony, WordPress + Udemy Show credential	<i>Jan 2023</i>
What is Data Science?	<i>Jan 2023</i>

IBM
[Show credential](#)

Crash Course on Python *Jul 2022*
Google
[Show credential](#)

Data Engineering Essentials *Jul 2022*
IBM
[Show credential](#)

Introduction to Data Engineering *Jul 2022*
IBM
[Show credential](#)

Python for Data Science, AI & Development *Jul 2022*
Coursera
[Show credential](#)

Introduction to Git and Github *Jun 2022*
[Introduction to Git and GitHub](#)
[Show credential](#)

Questions, Present Progressive and Future Tenses *Mar 2022*
Coursera
[Show credential](#)

Specialization: Learn English: Beginning Grammar *Mar 2022*
Coursera
[Show credential](#)

Simple Past Tense *Mar 2022*
Coursera
[Show credential](#)

Word Forms and Simple Present Tense *Mar 2022*
Coursera
[Show credential](#)

CCNA: Introduction to Networks *Aug 2021*
Cisco
[Show credential](#)

PROJECTS

PayBridge

Developed a comprehensive payroll management API to automate and optimize payroll processes for organizations.

Technologies: Java, Spring Boot, Hibernate, PostgreSQL.

Results: Designed and implemented RESTful endpoints with Spring Boot to manage employee and payroll data. Automated complex payroll calculations, improving accuracy by 95%.

Smartsheet Data Processor

Developed an application to process real-time data from Smartsheet using webhooks and transfer records to a PostgreSQL database via an AWS Lambda function.

Technologies: AWS (Lambda, IAM, CLI), PostgreSQL, Jenkins, Java, Spring Batch, Hibernate.

Results: Integrated Smartsheet webhooks for real-time data processing. Built an efficient ETL pipeline with Spring Batch, processing over 200,000 records.

Booking Relay System (BRS)

Developed a reservation transfer system to synchronize bookings from OBE Next Gen to a centralized Oracle Database.

Technologies: Java, Spring Boot, Spring Batch, Spring Framework, Spring Data, PostgreSQL, Oracle Database, Couchbase, Kubernetes, SQL, Postman, GitHub, Project Lombok, ArgoCD.

Results: Built an efficient pipeline for real-time data transfer from OBE to Oracle Database. Utilized Couchbase as a temporary storage layer for optimized synchronization. Processed massive data loads with Spring Batch for reliability and accuracy.

OBE Next Gen

<https://obe.beaches.com/>

Developed the backend for a vacation booking web application used by Beaches and Sandals. The platform enables users to manage lodging, flight reservations, and additional services.

Technologies: Java, Spring Boot, Spring Batch, Spring Framework, Spring Data, PostgreSQL, ArgoCD, Kubernetes, SQL, Postman, GitHub, Project Lombok.

Results: Designed and implemented an MVC-based architecture with Spring Framework. Automated booking processes and data management using Spring Batch. Implemented batch processing tasks to handle massive data loads with efficiency. Achieved scalability and seamless deployments with Kubernetes.

GoFood

Created an API for delivery app to monitor and manage real-time operations for food delivery platform. Includes detailed analytics panels, user statistics, and tracking of top-selling products.

Results: Implemented CI/CD pipelines with Jenkins for automated deployments. Designed and integrated RESTful APIs using Node.js and Express.js. Optimized database queries with Sequelize and PostgreSQL for efficient processing. Incorporated Redis and Socket.io for real-time notifications.

Technologies: Jenkins, Node.js, Sequelize.js, Express.js, PostgreSQL, AWS, DigitalOcean, Redis, Socket.io, RESTful APIs, CI/CD, Nx, GitHub, Postman API.

NovaCasa Dashboard

<http://novacasa.netlify.app/>

Developed a web application for real estate property management. The platform enables users to manage properties, perform advanced searches, and update information in real time, optimizing sales and rental processes.

Technologies: Node.js, MySQL, HTML, Bootstrap, JavaScript.

Results: Created an interactive dashboard with advanced search capabilities and personalized filters. Implemented a responsive design to enhance user experience on mobile and desktop devices. Integrated features to import and manage large volumes of property data.

Personal Portfolio

March 2024

Developed a personal portfolio using a modern stack, which included Laravel as the framework, Blade for view engine, SASS for styling the page, and the latest JQuery 4 for DOM manipulation through JavaScript