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## GENERAL DATA

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## ACADEMIC DATA

**Career:** Engineering in Software Development  
**Institution:** Politécnica de Chiapas University  
**Period month and year:** August 2015 – April 2021  
**Academic Status:** Degree in Software Development Engineering.

## TECHNOLOGIES

**Programming Languages:** Java (4 años), JavaScript (4 años), Python (2 años)  
**Complementary:** TypeScript (2 año), PHP (1 año)  
**Frameworks:** Angular (2 años), NodeJS (1.5 años), Spring Boot (3 años), Laravel (1 año), Django (1 año), ExpressJS  
**Extras:** Maven, Hibernate, JPA, SonarQube, JUnit, Mockito, PHPUnit, Jira, Kafka, Selenium, Azure, WebSphere, Docker, Kubernetes, Hostinger, AWS, Rundeck, Ansible, Git, GitHub, Jenkins, Postman, ServiceNow, Scrum.  
**Databases:** SQL Server, MySQL, Cassandra, MongoDB, PostgreSQL, Firebase, MaxCompute.  
**IDE:** IntelliJ, Visual Studio Code, Eclipse.

## WORK EXPERIENCE

**Global Hitss (VRIMConnect)**  
**July 2023 – October 2024**  
Systems Engineer

- Application development under SCRUM methodology
- Development and update of legacy web pages in Laravel and Angular
- Code refactoring of existing functionalities within web pages
- Updating of Microservices modules in Java with Spring Boot
- Unit and integration testing with JUnit and Mockito
- Development of patches to fix bugs in web applications in NodeJS and Jade
- Creation of User Stories
- Documentation and creation of user manual for undocumented applications

Laravel, PHP, Angular, TypeScript, NodeJS, Jade, Java, Spring Boot, Maven, Git, GitHub, PHPUnit, Postman, Scrum, AWS.

**Global Hitss (GRUPO CARSO)**  
**December 2022 – June 2023**  
Systems Engineer

- Backend development for character recognition with Python and Django.
- Design and implementation of database schema in PostgreSQL.
- Development of new features and modules to Microservices in Java with Spring Boot
- Unit and integration testing with JUnit and Mockito
- Deployment of backend applications with GitHub, Docker, Kubernetes and Azure
- Continuity of development and refactoring of internal web application in Angular
- Updating and refactoring SQL scripts in IBM MaxCompute

Java, Spring Boot, Maven, Python, Django, Angular, Typescript, PostgreSQL, SQLServer, MaxCompute, JUnit, Mockito, Docker, Kubernetes, Azure, Git, GitHub, Scrum.

**Global Hitss (HSBC)**  
**September 2021 – December 2022**  
Systems Engineer

- Development and update modules of a web page with JavaJSP
- Deployment and execution of the web application on WebSphere® Application Server
- Development and update of backend applications based on Microservices with Java and Spring Boot
- Configuration of connections to Cassandra and MongoDB databases
- Unit and integration testing with JUnit and Mockito
- Code quality review with SonarQube
- Communication between microservices with Kafka
- Creating patches for applications with vulnerable and/or deprecated libraries

- Using ServiceNow for creating patch requests for Python scripting vulnerabilities
- Supporting ServiceNow requests for database migrations or patches (outdated libraries or vulnerabilities)
- Automation of Python scripts for migration of the complete HSBC services infrastructure with Jenkins, Github, Rundeck and Ansible

Java, Java JSP, Maven, WebSphere, Rundeck, Ansible, Python, SonarQube, Kafka, JUnit, Mockito, Selenium, Git, GitHub, Jira, Jenkins, ServiceNow, Spring Boot, Scrum, Cassandra, MongoDB.

#### **CFPP – Comité de Fomento y Protección Pecuaria del estado de Chiapas.**

***April 2021 – May 2021***

Java Developer - Freelance

- Requirements gathering for the development of the application.
- Use of SCRUM methodology to streamline and organize the work plan.
- Development of desktop application with Java and Scene Builder.
- Design and implementation of database schema in SQLServer
- implementation of documentation generation in Excel for specific filter records

Java, SQLServer, Excel

#### **Vultus Solutions**

***January 2021 – April 2021***

Java Developer

- Backend application development under SCRUM methodology.
- Microservices development with Java and Spring Boot
- ApiRest consumption for communication between microservices with OpenFeign
- Unit and integration testing with JUnit and Mockito
- Backend application deployment with GitHub, Docker, Kubernetes and Azure
- REST API documentation with Swagger

Java, Spring Boot, Swagger, Docker, Kubernetes, Azure, BitBucket, JUnit, Mockito, PostgreSQL, Scrum.

#### **Indesoft**

***November 2020 – December 2020***

Mobile Developer - Freelance

- Requirements gathering for the development of the application.
- Creating user stories and assigning them to developers
- Design and frontend development of the mobile app with Angular, Ionic and Javascript
- Backend development with NodeJS and Express
- Database schema design and implementation in firebase realtime database

Angular, Ionic, JavaScript, NodeJS, Express, Firebase, Scrum.

#### **La Ampliación**

***September 2020 – November 2020***

Web Developer - Freelance

- Requirements gathering for application development.
- Use of SCRUM methodology to organize the team's work plan.
- Design and front-end development of the web page with Angular and Javascript.
- Back-end development with NodeJS and Express for modules such as Address, Users, Coordinates, etc.
- Design and implementation of the database schema in PostgreSQL

Angular, TypeScript, NodeJS, Express, PostgreSQL, Hostinger, Scrum.

#### **SKILLS**

Adaptability

Team worker

Hard work

Native Spanish

Intermediate English