

David Discua

Current Position

Bachelor's degree in Computer Science, good communication, entrepreneurship and design. +5 years of experience in software development with emphasis on technologies of: Web Development in JavaScript tools (NodeJS, AngularJS, ReactJS, etc), Python, C# MVC and API Development, database design, maintenance, development on Java systems, server maintenance (DevOps) and cloud server scripting with Terraform.

Contact Information

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SKILLS

Platforms

AWS	Azure	Mac OS	Linux	Windows	GCP
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Technologies

NodeJS	ReactJS	GraphQL	Angular > 5	VS	Docker
Scrum	Cordova	SQL	MySQL	ASPNet	Service Fabric
C#	EF Core	RxJS	Serverless	AWS lambda	SAP
Java	SAP UI 5	Javascript	Hangfire	Typescript	Jest

Databases

SQL	PostgreSQL	MongoDB	FireBase	Mongo Atlas
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Others

Git	VSTS	Jira	VS Code	Kubernetes	Terraform
CI/CD	PostMan	Pulumi	Blockchain	Avax protocol	Open GSN

Soft Skills

Communication, Team work, Open mindedness, Problem solving.

WORK EXPERIENCE

FIWORK

Full stack engineer(external consultant)

Fiwork is a company dedicated to the development of blockchain technology with more than 5 years on proven work. FIWORK has built layer 1 protocols, DeFi protocols, NFT applications and much more.

During this time I participated in the following projects:

- **Project: NFTY**

NFTY Portal is the ultimate decentralized exchange that allows users to interact with a host of blockchains and decentralized exchanges.

Main tasks executed in the project:

- Create a FORK of Avalanche network
- Build an infrastructure for running a blockchain network
- Developed a automation deployment using Terraform for GCP

Technologies: NodeJS, Typescript, GCP, Terraform , Github, Avalanche Network, Go.

- **Project: DEGA**

DEGA provides scalable infrastructure and fast transactions for Web3 gaming and the Metaverse.

Main tasks executed in the project:

- DevOps task such as deployments in cloud run and Kubernetes
- Build an infrastructure for running a metachain-blockchain network
- Developed a automation deployment using Terraform for GCP
- Developed NodeJS API to support gasless transactions
- Developed Indexers using Dgraph

Technologies: NodeJS, Typescript, GCP, Terraform , Github, Avalanche Network, OpenGSN, SmartContracts, Hardhat, Dgraph, Cardano, Polkadot

ENCORA TECHNOLOGIES

Full stack engineer (external consultant)

NY, US

(Oct 2018 – April-2023)

Encora provides differentiated innovation services and software engineering solutions across a wide range of leading-edge technologies,

During this time I participated in the following projects:

- **Project: INDEED - (Jan 2022 – March 2023)**

Indeed is an American worldwide employment website for job listings.

Main tasks executed in the project:

- Maintenance in multiple repos
 - Work with proctors in Java and ReactJS.
 - Developed storybooks in ReactJS
 - Work with AWS and terraform.
 - Report my tasks according to Scrum.
 - Infrastructure deployments using terraform
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- Setup a Redis cluster with Elasticache using Terraform for AWS
 - Datadog monitors using Terraform for AWS
 - Deploy Mongo atlas integration using Terraform for AWS.
 - Secret management using Vault.

Technologies: ReactJS, Typescript, AWS, Terraform , Java, GitLab, Jenkins

- **Project: Ricoh - RSCC (Oct 2018 – Nov 2021)**

RSCC : Ricoh Smart Cloud Configurator is and cloud platform that allows users to create templates which are settings configurations that will be deployed to hardware and software based on the clients needs.

Main tasks executed in the project:

- Build user interface using AngularJS, Redux, Observables.
- Review code of other developers.
- Refactor old code was written by other developers.
- Write code mostly in AngularJS and C# (ASP Core).
- DB administrator. - Dev Ops(VSTS) Dev/QA/Prod.
- Work with Microservices in Service Fabric.
- Report my tasks according to Scrum.
- Architectural solutions with side-car pattern.

Built a solid cloud application capable of communicate with hardware devices and set multiple configuration.

Technologies: Angular 5, C#, EF Core, Service Fabric, ASP.NET, HangFire, SQL.

IMPROVING NEARSHORE

Full stack engineer(external consultant)

USA

(Feb 2021– August-2022)

Improving is a complete IT services firm offering training, consulting, recruiting and, project services

During this time I participated in the following projects:

- **Project: KAZOOHR - (Feb 2021 – August 2022)**

KazooHR is a recognition and rewards platform for employees

Main tasks executed in the project:

- Working ReactJS front end
- Working with NodeJS in the backend
- Working with GraphQL Apollo
- Working with PostgreSQL
- Report my tasks according to Scrum.
- Docker
- Developed feature for KazooHR main app
- Migrate functionalities from legacy app to main app.

Technologies: ReactJS, Typescript, GitHub, NodeJS, GraphQL-Apollo

TELESAN

Full stack engineer

TGU, HN

(Oct 2018 – June 2019)

Project dedicated to implement remote medical appointments in the most uncommunicated zones in Honduras.

During this time I participated in the following projects:

- **Project: TELESAN Mosquitia (Oct 2018 – June 2019)**

Project dedicated to implement remote medical appointments in the most uncommunicated zones in Honduras.

Main tasks executed in the project:

- Build user interface in ReactJS + Redux
- Contribute with a NodeJS API implementation with Express and serverless
- Database design.
- Data analytics API in Python + Pandas.
- Schema mapping.
- Lambda functions.
- Work in a team using git-flow.

Build a web application with an integration in ZOOM.

Technologies: ReactJS, Redux, Serverless, AWS lambda, AWS , NodeJS

INFORMATICA ATLANTIDA

Full stack engineer

TGU, HN

(June 2017 – August 2018)

Founded on February 10, 1913 in the city of La Ceiba, Atlántida is a genuinely Honduran private institution. With more than a century of existence, During this time I participated in the following projects:

- **Project: OCB SP1-SP5 (June 2017 – August 2018)**

Adding features to bank applications.

Main tasks executed in the project:

- Contribute to the creation of APIs and database models.

- Contribute with a NodeJS API implementation to handle communication with external costumers Data analytics API in Python + Pandas.

- Maintain SAP Java systems for banks.

- Implementation of CI infrastructure with Jenkins.

- Hybrid mobile application development.

- Work in a team using git-flow.

Developed the first Virtual wallet (M-Wallet) for Banco Atlántida.

Technologies: Ionic, Javascript, SAP UI, SAP, Java, SP1, SP5, OCB

GENESS CONSORTIUM

Full stack developer (researcher engineer)

LA, USA

(Oct 2015 – Dec 2017)

Consortium dedicated of multiples studies related to Epilepsy diseases. With researchers around the world lead by Dr. Antonio Escueta.

During this time I participated in the following projects:

- **Epilepsies Cloud Platform (OC 2015 – Dec 2017)**

Write a brief overview about the project.

Main tasks executed in the project:

- Contribute to the creation of APIs and database models.

- Create user interface(ReactJS, Antd, redux).

- Create AI models using Rapid Miner.

- Statistics API in Python.

- Work with Microservices.

Created a web application in the cloud to store patients records and then make analysis about epilepsies classifications using AI models.

Technologies: ReactJS, Redux, Antd, Rapid Miner , Python , NodeJs, Micro Services.

EDUCATION

2013 – 2017	Bachelor in Computer Science	UNITEC
Oct 2018	ILAE (10th Latin American Congress on Epilepsy) Abstract ILAE: Una nueva plataforma y base de datos para la investigación clínica ILAE 2016 y los genes JME.	ILAE
Oct 2018	Abstract ANN : A New Database Platform for Clinical and Genetic Investigation of Epilepsies and the New ILAE Classification	ANN
Oct 2019	Paper : Implementation of a Global Online Platform with Microservices Architecture for Studies on Genetic Epilepsies.	IEEE CONCAPAN

LANGUAGES

Spanish: Native

English: Advanced

Other Language:

HOBBIES

Programming

Play Dota 2

Research