

Tomás Vich Cologan

Canary Islands, Spain (Atlantic/Canary)

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PROFILE

- I am loyal to my work and I have a passion for learning new skills.
- I have international experience and exposure gained in Germany, Italy and Spain.
- Coding is just a tool to solve problems and I look forward to the new ones I'll get to solve in the near future.

SKILLS

- ~4 years in software engineering and Network administration.
 - JavaScript
 - React, React Native, Expo
 - PHP, Node, Express
 - REST API design and implementation
 - Postman
 - MySQL, Neo4j, MongoDB, Elasticsearch, other NoSQL databases
 - Kibana, Studio 3T
 - Data modelling
 - Git, GitHub actions
 - Virtualization/Containerization (Virtualbox, VMWare, Docker)
 - Linux systems administration
 - Network administration
 - Agile/Scrum development
 - Spanish, English, German.

EXPERIENCE

Principal Software Engineer

Grupo Numero 1

Tenerife, Spain.
April 2021 - Present

- Designed project architecture for a marketplace web application.
- Researched project requirements and Implemented data models for a MongoDB database.
- Implemented a REST API in TypeScript to serve the front-end app.
- Incorporated Elasticsearch to implement the search engine.
- Configured the CI/CD pipeline with Jest to handle tests and Github actions to deploy the services to integration and production environments.
- Implemented the front-end application with React and Redux in functional components and using hooks.
- Integrated with the organization's existing systems and with various logistics operators like Seur and Nacex among others.

Principal React/React Native developer

daytrips.travel

Tenerife, Spain.
August 2020 - April 2021

- React Native Application implementation.
- Introduced Redux to the project for data managment.
- Expo, Github, Github Actions, SCRUM
- REST API Design principles
- Exposure to Python/Flash REST APIImplementation
- Exposure to Neo4j/graph/NoSQL Databases.
- Exposure to Cloud Infrastucture.
- Preparation a presentation materials.
- Full product demos to potential clients (Public Transit Authority)

Freelance Consultant

Ten Personalizado

Tenerife, Spain.
June 2020

- Developed a custom navigation component that interfaced with shopify.
- Implemented modification in the liquid templates.
- Set up the development environment for their e-commerce website.

Principal developer

Scirocco Rent a Boat.

San Teodoro, Italy.
April 2019 - Present

- React, Redux, PHP, MySQL, Stripe, Node.js
- Implemented a booking system to allow the organization to accept payments in advanced.
- Designed and implemented the database models and structures in a MySQL database.
- Implemented a multilingual (i18n) web page to display dynamic information from the clients database.
- Transitioned from a wordpress website to a custom web application.
- Implemented an admin panel to manage bookings.
- Added a functionality to accept other payments.
- Introduced the option for the organization to have cutomizable rates from within the admin panel.

**Intern leading to Full
time contract**

Cortona.

Weinheim, Germany.
March - November 2018

- React, Redux, PHP, MySQL, Canvas, SVG.
- Exposure to SCRUM.
- Implemented Redux for data management on an existing project.
- Designed and implemented the database models and structures in a MySQL database.
- Added new functionalities to the application with React and Redux to import, manage and export data.
- Organized the file structure of the project.
- Implemented a file manager to keep track of uploaded and temporary files in PHP.
- Implemented a new design for the application.

**Senior Network
administrator**

Multiple hotels / houses.

Tenerife, Spain
2018 - Present

- Network / Infrastructure
- TCP/IP, DHCP, Port forwarding, DNS, Subnet configuration, cabling, end-device configuration.

E D U C A T I O N

**Superior Technician in
Web Applications
Development degree**

I.E.S. Puerto de la Cruz
2018