

# Jhonatan Macazana

DevOps Engineer

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<https://github.com/jhonatanmacazana>

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Full-stack web developer for over 2 years, involved in web development and systems design with a **DevOps** culture using container orchestrators, **Docker**, ReactJS, TypeScript, JavaScript, Go, among others. Very interested in decentralized applications, IoT devices, cloud computing, and emerging technologies. Furthermore, I have worked as a Software Architect on several Peruvian startups. I consider myself a self-taught technology enthusiast, and I love trying new technologies.

## EXPERIENCE

### **Minskylab, DevOps Engineer | Full-stack Engineer** — May 2021 - Present

Software development company focused on research and innovating solutions for everyday problems.

- Contributed with a migration to a lighter infrastructure that reduced 30% budget cost by implementing a custom PaaS with Docker, Discord and GitHub.
- Reduced deploy time from 30 m to 3 minutes by using CICD pipelines with Docker and GitHub Actions.
- Minimized overall calculation time of a large dataset by 60% by implementing a docker-based application to perform tasks on distributed systems.

**Tech Stack:** ReactJS, NextJS, Typescript, JavaScript, Go, Python, Docker, Terraform, Ansible, GitHub Actions.

### **Freelance, Software Architect** — August 2020 - October 2021

Worked on more than 10 projects from telecommunication, construction, and medical companies.

- Improved the development-release workflow of a startup by 60% by setting up automated build deployments with CICD pipelines with GitHub Actions or Circle CI.
- Redesigned a router infrastructure migration with Python, speeding up the process by over 200%.

**Tech Stack:** Docker, Docker Swarm, Grafana, Terraform, Ansible, GitHub Actions, ReactJS, Python.

### **Empresa Siderurgica del Peru S.A.A., Full Stack Trainee** — January 2020 - July 2020

Peruvian steel company working over 60 years with innovative practices, inherited from Gerdau, a Brazilian steel company.

- Improved SAP work orders distribution that allowed 1 in 5 workers to have a faster and easier way to check important documents by building a custom Telegram sender application with NodeJS and ReactJS.
- Removed a communication problem between technicians and administrative personnel by developing a web application that allows to centralize alarms and work orders from the plant with NodeJS, Node Red, ReactJS, Nginx and Docker.

**Tech Stack:** ReactJS, JavaScript, Docker, Nginx, Express.

## PROJECTS

### **Template generator** — <https://github.com/jhonatanmacazana/vsr-new> - 2021

CLI-tool for instantiating a specific type of project with a custom name, currently focused on frontend applications with ReactJS and Typescript. Improved my own workflow around 25% overall by reducing the boilerplate with starting projects.

## SKILLS

**Programming Languages:** *Advanced:* Typescript, JavaScript, Python, Go. *Intermediate:* SQL, Bash, C++.

**Frameworks and Tools:** *Advanced:* Docker, Docker Swarm, ReactJS, NextJS, GraphQL, PostgreSQL, GitHub Actions, web sockets. *Intermediate:* Flask, Django, MySQL, Terraform, Ansible.

**Languages:** English, fluent; Spanish, native.

## EDUCATION

**Universidad de Ingenieria y Tecnologia** — Lima, Peru

*Bachelor of Electrical Engineering, May 2021*