

Giovanni Caiazzo

✉ giovanni.caiazzo.work@gmail.com in [LinkedIn](#)

| | |
|--------------|--|
| Current role | Freelance Mobile Full Stack Developer at Rivetta Sistemi |
| Experience | HR, Internal tools, Big data, Marketing, Content, Data Sharing, Cryptocurrency, Recruitment, Healthcare, Sustainability, ... |
| Technologies | AWS, React Native, Python, Cypress, Jest, REST API, React, Kubernetes, TypeScript, GraphQL, Next.js, Contentful, CSS, HTM... |

At work I'm best at...
Delivering functionalities very quickly and efficiently

Work experience

Freelance Mobile Full Stack Developer, [Rivetta Sistemi](#)

Jun 2021 – Present (1y 10m)

Rivetta Sistemi provides solutions for employees management
HR · Internal tools

[AWS](#) [React Native](#) [Python](#) [Cypress](#) [Jest](#) [REST API](#)

- Developed a React Native app to streamline employee time tracking and ensure work-related documents are up-to-date.
- Automated deployment of Lambda code on AWS using Serverless in Python.
- Utilized Amazon Cognito and AWS Amplify for secure credential management within the app.
- Leveraged camera, NFC, and GPS technologies to provide multiple options for employees to clock in and out of work.
- Implemented functionality to count employees during emergencies and verify green passes.
- Used Jest and Cypress to create unit and integration tests to ensure the app's stability

Freelance Full Stack Web Developer, [Global Technology Advisory Firm](#)

Apr 2022 – Mar 2023 (11m)

Firm is a provider of research and consulting services
Big data · Marketing · Content · Data Sharing

[React](#) [AWS](#) [Kubernetes](#) [TypeScript](#) [GraphQL](#) [Jest](#) [Next.js](#) [Contentful](#)

- Successfully migrated the Global Technology Advisory Firm blog from Wordpress to a modern React app using NextJS and TypeScript, resulting in an improved user experience and increased traffic.
- Utilized Tailwind CSS to deliver visually appealing and responsive styling for optimal customer engagement.
- Implemented Kubernetes on the backend to automate AWS service allocation, resulting in streamlined operations and cost savings.
- Automated build deploys with GitHub Actions to improve efficiency and reduce downtime for staging and production environments.
- Leveraged Contentful as the headless CMS for seamless content management and delivery.
- Integrated GraphQL to connect the Global Technology Advisory Firm resources for efficient data retrieval and utilization.
- Used Jest and Cypress to create unit and integration tests to ensure the app's stability.
- Used Percy for automated visual testing and Slack Alerts for automated alerts in case the app went down.

Freelance Full Stack Web Developer, Bonfire 🔥

Nov 2021 – Feb 2022 (3m)

Community orientated frictionless yield generating contract
Cryptocurrency

React AWS TypeScript React Native Python GraphQL Jest REST API

- Developed and managed two company websites, including a mobile app connected to blockchain technology for token swaps and NFT claims.
- Utilized TypeScript with React and React Native apps to enhance functionality and user experience.
- Implemented blockchain connection using MetaMask, WalletConnect, ethers for mobile, and web3.js for desktop, while also creating a custom chat component with AWS AppSync.
- Leveraged Python lambdas on AWS back-end to listen for events and improve overall efficiency.
- Used Jest and Cypress to create unit and integration tests to ensure the app's stability

Freelance Frontend Web Developer, Sensineer 🏢

Sep 2021 – Oct 2021 (1m)

Manage clients and freelancers contracts
Recruitment · HR

CSS HTML Vue.js

- Developed an expertise in Vue.js 3 with a composition API to deliver the client's project efficiently.
- Optimized styling using Tailwind CSS, resulting in streamlined and consistent designs.
- Collaborated with a designer to achieve seamless integration of front-end web development.

Freelance Full Stack Web Developer, Ziggytec 🌐

Aug 2019 – Aug 2021 (2y)

benchmarking sustainability improvements annual reporting
Healthcare · Sustainability · Internet of Things

React AWS CSS HTML JavaScript Cypress Jest REST API

- Developed three sets of web portals using React for Ziggytec, allowing admins to autonomously manage platform IoT devices and presenting clients with large amounts of data through graphs and maps.
- Gained proficiency in popular AWS services such as Lambda (Python), Cloudwatch, CloudFormation, DynamoDB, S3, and SQS queues while managing them using serverless JavaScript framework.
- Created impactful solutions for Ziggytec by leveraging knowledge of AWS services and developing web portals in React.
- Used Jest and Cypress to create unit and integration tests to ensure the app's stability

Education

Università degli Studi dell'Insubria

Jan 2016 – Mar 2018 (2y 2m)

Master Degree (110/110) Physics

- Worked with lasers to write a thesis on Photon-number-resolving detectors for advanced continuous-variable quantum information processing

Snippets

Personal React Project @ github.com

Created React Sliders where each range has its own id and so can be easily addressed and identified. I created it because I didn't see a similar library and I needed one for a project

Personal Python Project @ github.com

Python crawler for extracting all internal and external links from a website. It also supports deep crawls. Needed for a previous client project

More about me

At work I'm best at...

Delivering functionalities very quickly and efficiently

Interests

Everything regarding food or Japanese culture or both

Languages spoken

Italian