

Giovanni Caiazzo

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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, Gartner 

Apr 2022 – Mar 2023 (11m)

Gartner 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 Capterra 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 Capterra 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