Máximo García

Fullstack Developer

▸ Computer engineering bachelor in UPM, Spain. Feb 2021.

▸ Uppsala, Sweden

▸ Spanish citizen

Skills

Web design & development   4+ yrs.

Software development   3+ yrs.

SSI & Blockchain   1+ yrs.

Data science   6+ mon.

Languages/Tools

- TS, JS, Java, Python, Go, Node
- Git, Docker, Bash
- Springboot, Django, Flask
- MongoDB, Postgres
- Tensorflow, keras, matplotlib
- React, Vue, Angular, Svelte, lit, TailwindCSS
- Figma, Adobe XD
- Haskell, Erlang

Biography

My name is Máximo J. García Martínez. I am a Fullstack developer at Nimiq, working in the cryptocurrency domain. I also worked in the SSI and AI fields. I graduated from UPM in 2021 with a BSc in Computer Engineering where I obtained a grade with honours in my thesis on neural networks. During my studies, I have worked on making websites and backends for different projects. I am always thirsty to learn new concepts. I love the open source world and working in a team where I can learn from others with more experience. Currently, I am living in Stuttgart where I am learning German.

Work experience

Frontend Developer
Nimiq
   Jan. 2022 - Today

As a front-end developer on a cutting-edge crypto project, I use my technical expertise and creative problem-solving skills. Using Vue 3, I create intuitive and engaging user experiences while contributing to the development of new features. In a fast-paced startup environment, I thrive on the challenge of finding innovative solutions to complex problems and delivering high quality results. I also regularly share my technical knowledge by writing technical blog posts and contributing to design projects.

Researcher SSI at LACChain
Collaborator
   Mar. 2021 - Dec. 2021

I had to discuss and recommend solutions on some of the aspects they had designed to avoid problems with the GDPR law and at the same time to obtain interoperability between the networks in the near future.

These problems are mainly based on the VC Data Model from W3C and different known attacks with which private data could be obtained directly from the blockchain network.

Researcher SSI at Alastria
Member of Alastria Core & Architecure Team
   Mar. 2021 - Dec. 2021

Responsible for the specification and development of the Alastria ID. We had to discuss problems and their solutions. Then we had to implement those changes in the open source libraries written in TS.

Junior Fullstack
Department of Blokchain | Cybersecurity unit
Inetum
   Feb. 2021 - Dec. 2021

I was responsible for building and leading a small team of junior frontend developers with different web projects in different areas: Showcases of Alastria technology, pages used by developers for testing and dashboards for entities to manage configurations. For those projects we used TS with Nuxt, React and Angular. My job consisted mainly of designing the UI and then monitoring, advising and checking the quality of the code through PRs. I also had to manage the frontend team to meet deadlines and organise developer tasks using AGILE methods. At the same time, I was also responsible for the deployment of those websites and web applications using Docker and nginx.

I had also few backend tasks such as develop different libraries in Java to: communicate with the blockchain network and to create, sign and verify JWT with different state-of-the-art elliptic curves. Finally, I gave technical support to the backend team during some sprints. Those tasks were mainly designing, developing and testing microservices using SpringBoot.

Languages

Spanish   Native

English   C1

German   A2

Interests

- Sports
- German
- Travel
- DIY
- Space
- Cooking

Contact

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in   linkedin.com/maximo-garcia -martinez

○   github.com/onmax

Intern Blockchain & Web   `Aug. 2020 - Jan. 2021`
Department of Blokchain | Cybersecurity unit
Inetum

Helping to implement the Alastria specification. Developing and testing microservices using SpringBoot. Writing and documenting libraries in Java and TS. Designing and developing websites using various frameworks.

Fullstack developer   `Jan. 2017 - Apr. 2021`
DA
ETSIINF - UPM

Vue, Angular 2+, AngularJS, Django 2.0 for various project for the Student Union association as project manager working with a group of people for projects like Try IT! congress.

Web developer   `Sep. 2017 - Jun. 2018`
Freelancer

I created few online shops for some clothing brands that were expanding using Shopify. I also worked in DIGA Department (UPM) and Astronomical Observatory of the UPM, making them different websites using Vanilla JS and Angular

Education

Erasmus - Computer Science   `Aug. 2019 - Jan. 2020`
Uppsala Üniversitet, Sweden

Computer Engineering   `Sep. 2016 - Jan. 2021`
Universidad Politécnica de Madrid, Spain

Senior year - High School   `Sep. 2015 - Jan. 2016`
Colegio S.Ramón y S.Antonio | Madrid, Spain

Sophomore year - High School   `Sep. 2015 - Jan. 2016`
Princeton High School | MN, USA

Publications

- As an experienced technical contributor to Alastria. 2021. "LACChain ID Framework."

- García Martínez, Máximo J. & García Dópico, Antonio. (2021). "Bike sharing demand forecasting using Recurrent Neural Networks.". Bachelor's Thesis ETSIINF, UPM. Grade with honours.

Events

Winner Huawei Student Developer Hackathon Sweden 2022.

22nd May 2023

Máximo José García Martínez