



ALBERTO HERNÁNDEZ CEREZO

SOFTWARE ENGINEER, FULL STACK DEVELOPER &
EAGER ENTREPRENEUR

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🌐 [Alberto Hernández Cerezo](#)

PROFESSIONAL EXPERIENCE

NOW
2017



DOCYET GmbH

SOFTWARE ENGINEER & FULL STACK DEVELOPER

Responsible for the conceptualization, implementation, documentation, and maintenance of the multiple DOCYET products and internal tools. FrontEnd & Backend Lead Developer, Cloud Infrastructure Architect & Maintainer, and IT Security responsible. Assistant of the different legal and medical departments for the compliance of the software with the Data Privacy and Medical Certification.

Technologies involved:

- Development of Ember.js & Ruby on Rails + Turbo Web Applications and Ruby on Rails APIs distributed as static websites, PWA, and Cordova-based cross-platform phone applications.
- Design and implement Docker containerized production environment with Passenger, Nginx, PostgreSQL, Redis, HAProxy. Responsible for managing multiple cloud host platforms (AWS, Telekom, Hetzner) and the software hosted in it (CI/CD via Jenkins, Elastic Load Balancers & Autoscaling configurations for high availability architectures, ELK Stack for gathering user KPI data, and Bugsnag for Error Monitoring).
- Use of Confluence, Jira & Miro for Project Management and Software Documentation.

2018
2016



FUNKE Digital TV Guide GmbH

FREELANCE FULL STACK DEVELOPER (2017 - 2018)

Responsible for developing Web UI & API interfaces for the management of TV media content.

Technologies involved:

- Development of Symphony 3/PHP7 and Angular 2 Web Applications.

FULL STACK DEVELOPER (2017 - 2017)

Responsible for the development of Web UI & API Interfaces to manage TV media content. Project lead and designer of small web-based internal projects.

Technologies involved:

- Development of Symphony 3/PHP7, Vue.js, and Angular 2 Web Applications.

FRONTEND DEVELOPER & API EVANGELIST (2016 - 2017)

Responsible for the development of Web UI interfaces for TV applications and TV media content and its documentation. IT Representative of the company media API in hackathons and public events.

Technologies involved:

- Development of Meteor, VueJS, Angular, Angular 2, Enyo & Backbone Web UI interfaces.

2016
2013



Grupo de Sistemas Inteligentes (GSI), Universidad de Valladolid

SOFTWARE ENGINEER & FULL STACK DEVELOPER (2014 - 2016)

Responsible for developing a web-based software application for the automatization of raw material trading processes.

Technologies involved:

- Development of Java-based Web applications.

RESEARCH FELLOW (2011 - 2015)

Specialization in AI applied to the consistency-based diagnosis of physical systems. Responsible for the development of small internal tools for performing internal simulations & experiments; and the collaboration in different paper publications.

Thanks to my fellowship work, I achieved multiple academic awards:

- Three public grants to support research tasks in LOU departments & institutes.
- 2 Article publications: "Characterizing and computing HBG-PCs for hybrid systems fault diagnosis" (CAEPIA 2015) & "DxPCs: A software tool for consistency-based diagnosis of dynamic systems using Possible Conflicts" (DX 14).
- Master thesis "System Diagnosis using Hybrid Possible Conflicts" was awarded as the best thesis of the 2014 Master promotion (University of Valladolid).

Technologies involved:

- Development of internal applications and experiments via virtual simulations with Matlab.

GSI TRAINEE (2013 - 2013)

Responsible for the development of small internal research applications as an intern, as part of the Bachelor's Degree in Computer Science program.

Technologies involved:

- Development of internal applications and experiments via virtual simulations with Matlab.

EXTRAPROFESSIONAL EXPERIENCE

NOW
2020



mysenii (previously known as CareCards)
FOUNDER & TECH LEAD

mysenii is a personal project created together with dr.Krutika Gohil. It consists of developing multilingual psychological testing in an easy, engaging, and accessible way to screen mental health diseases. As only an IT member, I am responsible for aligning the technical and clinical vision of the product and implementing all the software-related infrastructure.

Additionally, I have also been working on other organizational aspects of the project, with particular emphasis on idea validation with potential partners and networking in multiple global digital events in which the team was awarded:

- [Health Insurance Hackathon Most Innovative Project.](#)
- [COVID-19 Global Hackathon 2.0: Social & Mental Health Winner.](#)
- [Post Covid Hack 2020 Open Track 1. Place Project.](#)
- [Tech Takes On Mental Health Hackathon 3. Place Project.](#)
- [Health Hack 2020 3. Place Project.](#)
- [NFT Vision Hack Gaming & NFTs Track 2. Place Project.](#)
- [COVID-19 Healthcare App Challenge Winner.](#)

Technologies involved:

- Development of Ember.js & Ruby on Rails + Turbo Web Applications and Ruby on Rails APIs distributed as static websites, PWA, and Cordova-based cross-platform phone applications.
- Designed and implemented Docker containerized production environment with Passenger, Nginx, PostgreSQL, Redis. Responsible for managing multiple cloud host platforms (AWS, Azure) and the software hosted in them (CI/CD via Gitlab Pipelines).
- Use of Confluence, Jira & Miro for Project Management and Software Documentation.

EDUCATION

2016
2013



**Escuela Técnica Superior de Ingeniería Informática, Campus Miguel Delibes,
Universidad de Valladolid**

MASTER DEGREE IN COMPUTER SCIENCE (2013 - 2015)

Grade: 2,200 (Baremo: Titulados R.D. 1044/2003)

- Graduated with Honors for the best academic record.
- Awarded with a public grant to support research tasks in LOU departments & institutes.

BACHELOR DEGREE IN COMPUTER SCIENCE (2012 - 2013)

Grade: 2,397 (Baremo: Titulados R.D. 1044/2003)

- Graduated with Honors for the best academic record.
- Awarded with a public grant to support research tasks in LOU departments & institutes.

BACHELOR DEGREE IN COMPUTER SCIENCE (2012 - 2013)

Grade: 2,497 (Scale: Titulados R.D. 1044/2003)

- Awarded with a public grant to support research tasks in LOU departments & institutes.

LANGUAGES



SPANISH

Mother Language



ENGLISH

C1 LEVEL

- 2015 Certificate in Advanced English (CAE).
- 2013 First Certificate in English (FCE).



GERMAN

B2 LEVEL

- Multiple language courses completed from 2015 to 2022.

ABOUT ME

Hi,

My name is Alberto Hernández Cerezo. I am a Software Engineer, Full Stack Developer & Eager Entrepreneur from Spain, currently living in Leipzig, Germany.

As a Computer Science student, I always thought about these stories of successful tech entrepreneurs who, working from their garage, turned their ideas into successful products. For me, the moral behind these stories is that with no more than a simple computer, anyone can impact society nowadays, being the only limiting factors the knowledge and imagination. This is why, when I graduated with honors in Computer Science Bachelor & Master Degrees, my goal was to be part of these success stories and build my own.

Starting as a Frontend & Backend developer in Berlin, I learned the basics of web development, from building responsive UIs to implementing API interfaces, creating secure/robust/scalable platforms, and maintaining them.

With this knowledge, I decided to leave everything behind and move to Leipzig to join DOCYET, a new digital healthcare startup composed of only two team members: their founders. The challenge was building a solid product that complies with data privacy and medical regulations. I took the responsibility of setting the ground for the software infrastructure of the company and its products. The time in DOCYET brought me new technical knowledge and the experience of coordinating multidisciplinary teams, managing multiple projects, and mentoring new team members. Now DOCYET is a startup with more than 20 employees which has successfully integrated its healthcare solutions with the biggest insurances in the German market.

Motivated by these achievements, I decided to dedicate part of my personal life to work on unique ideas that impact society positively. This is how in 2020, I started mysenii, a project with the mission of making mental health accessible for everyone, which, over the past years, received multiple healthcare and digital awards.

Now I look forward to the next step in my career. My goal is to keep learning and growing as a professional by finding new opportunities to bring my expertise to the table, work with motivated teams and turn ideas and projects into future success stories.

Alberto Hernández Cerezo

