David Valin Cabrera

+16 years of professional experience
around 20 creating software

Contact information

hola@davidvalin.com
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Availability

Europe (on-site / remote). America (3 months max on-site). World (remote)

Resume

I am a self-made senior full stack developer and software architect with over 16 years of professional experience, both in Netherlands (26 projects) and Spain (21 projects) where I have been leveraging my expertise in frontend, backend, database design with focus on scalable / modular architecture.

My curiosity extends beyond code — I deeply understand business workflows, marketing, infrastructure, and project management, allowing me to approach problems holistically. I have a track record in efficient communication with both technical teams and business actors.

Today I am integrating Generative AI (GenAI) both into my development workflow, as well as into the scope of projects that could leaverage AI agents for generation tasks or business intelligence.

Not only I participated in developing those projects but very intensively defining them: wireframes, user flows, architecture, planning technical tasks... I served as lead to teams in multiple projects and I am used to do coaching to technical teams and presentations to both management and technical teams. Lots of whiteboarding with the team.

My philosophy is to never solve the same problem twice, and to do so I divide the problem into small problems and design / implement them correctly and then use them across the organization; that also implies processes and standards and guidelines.
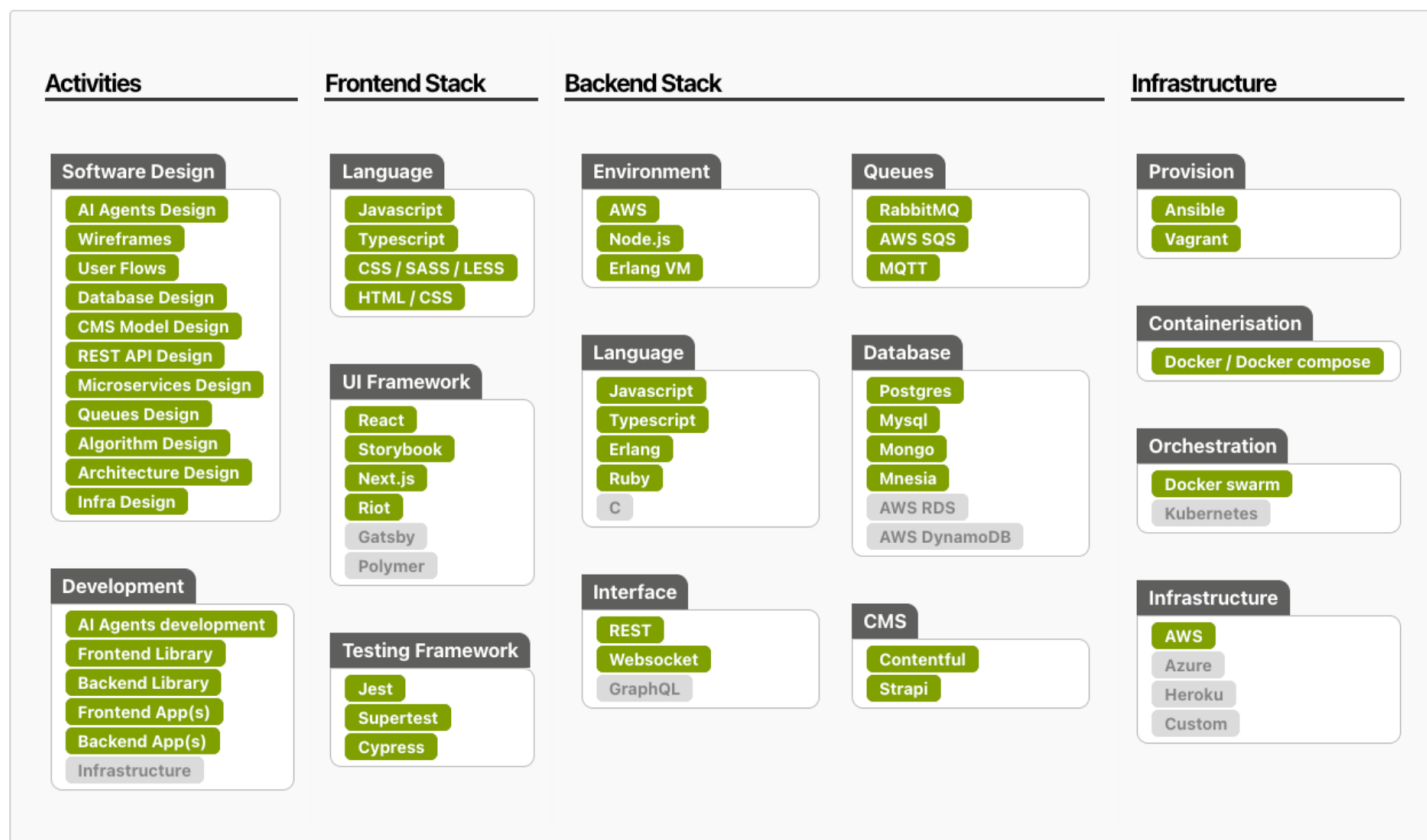
I consider myself friendly, strong at work ethics and well communicator, always willing to help in what is needed to make the project a success; I learn new domains, workflows, patterns, libraries or frameworks fast and help out when the team struggles to solve.

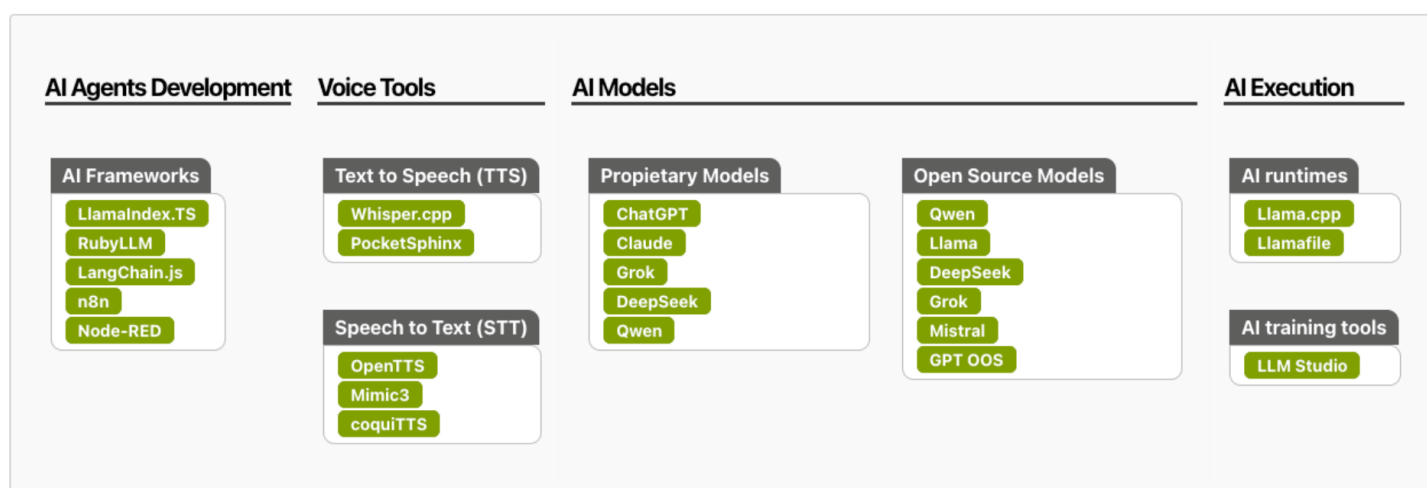Some of the applications I participated in or completely created include:
1 Media Marketplace, 1 Radar / AIS tracking platform, 1 Auctions platform, 2 custom CMS, 1 Enterprise Gateway, 2 Scheduling platforms, 1 Real Time Bidding Platform, 1 Travel Inspiration Finder, 1 Tesla configurator, 1 Mobile subscription configurator, 3 E-learning platforms, 1 Product sustainability platform, 1 Intra-charging group DLT application, 2 Big e-commerces...

I feel comfortable working on any of my skill areas. I can work on "details" or in the "big picture": devising, planning or executing.

Top Skills

Activities

Software Design
- AI Agents Design
- Wireframes
- User Flows
- Database Design
- CMS Model Design
- REST API Design
- Microservices Design
- Queues Design
- Algorithm Design
- Architecture Design
- Infra Design

Development
- AI Agents development
- Frontend Library
- Backend Library
- Frontend App(s)
- Backend App(s)
- Infrastructure

Frontend Stack

Language
- Javascript
- Typescript
- CSS / SASS / LESS
- HTML / CSS

UI Framework
- React
- Storybook
- Next.js
- Riot
- Gatsby
- Polymer

Testing Framework
- Jest
- Supertest
- Cypress

Backend Stack

Environment
- AWS
- Node.js
- Erlang VM

Language
- Javascript
- Typescript
- Erlang
- Ruby
- C

Interface
- REST
- Websocket
- GraphQL

Queues
- RabbitMQ
- AWS SQS
- MQTT

Database
- Postgres
- Mysql
- Mongo
- Mnesia
- AWS RDS
- AWS DynamoDB

CMS
- Contentful
- Strapi

Infrastructure

Provision
- Ansible
- Vagrant

Containerisation
- Docker / Docker compose

Orchestration
- Docker swarm
- Kubernetes

Infrastructure
- AWS
- Azure
- Heroku
- Custom

AI Skills

AI Agents Development

AI Frameworks
- LlamaIndex.TS
- RubyLLM
- LangChain.js
- n8n
- Node-RED

Voice Tools

Text to Speech (TTS)
- Whisper.cpp
- PocketSphinx

Speech to Text (STT)
- OpenTTS
- Mimic3
- coquiTTS

AI Models

Propietary Models
- ChatGPT
- Claude
- Grok
- DeepSeek
- Qwen

Open Source Models
- Qwen
- Llama
- DeepSeek
- Grok
- Mistral
- GPT OOS

AI Execution

AI runtimes
- Llama.cpp
- Llamafile

AI training tools
- LLM Studio

Some companies I worked with

SERVICE HOUSE — randstad — PRé — adidas

MisterGreen ELECTRIC LEASE — ABN·AMRO

VakantieVeilingen.nl Altijd wat te doen! — TATA — Rabobank — KLM Royal Dutch Airlines

yieldr — Maker st — TELE2

GUIDION — ZAMRO — ING

Experience

2025

Assignments:

Private	Frontend application to manage AI prompts and run them
Private	Voice AI terminal toolkit + microservices (offline AI)
Gravity	Backend development - (Radar / AIS map tracking tool) - (GIS, TCP stack, microservices)

2023

Assignments:

| Private | Software Project Configurator (frontend application) |
| Private | CV frontend application |

2022

Assignments:

ThiemeMeulenhoff	Frontend development / CMS Data modelling / Consulting
Touchtribe	Frontend development / Consulting
Open Source	https://github.com/howerest/erlang-node-monitor
Open Source	https://github.com/DavidValin/entrophy2mnemonic
Open Source	https://github.com/DavidValin/illegal-ltfs-characters
Private	One-Time-Pad stream cipher toolkit C library. Open sourced soon!
Private	Custom-made CMS with live page preview (in progress)

2021

Assignments:

| Randstad | Node dev. / AWS dev. / Software Architect / Training |
| Adidas | Full-Stack Dev. / Software Architect / Consulting |

2020

Assignments:

Adidas	Full-Stack Dev. / Software Architect / Developer - Microfrontends
Pre Consultants	Software Architect / Frontend development / Advisor - Microfrontends
From Scratch Academy	Design / Frontend development / Instructor
Private	Full-stack dev. / Architect
Private	Hourly Rate Configurator (frontend application)

2019

Assignments:

| Tele2 | Frontend assessment / A/B Testing / Training - Microfrontends |
| ING Labs | Frontend architect / Design / Frontend Developer / Functional Analyst / MVP video |

2018

Assignments:

Private	Universal Code Generator + 15 generators
ServiceHouse	Frontend architect / Software Consultant / Trainer / Full-Stack developer - Microfrontends
Mister Green Direct	Full-stack dev. / Software architect
ABN Amro Bank	Software architect / Consultant

2017

Assignments:

ABN Amro Bank	Software architect / Consultant - Microfrontends
Floxer	Frontend & Mobile development
ING Bank	IT Advisory / Frontend development
Private	Boolean Logic Tree SVG component

2016

I participated on intensive projects working for big and small companies: Zamro, Guidion, Howerest, and Tele2, using Javascript, Typescript, Angular.js, Jasmine, Ruby, Rspec, HTML, CSS, using agile methodologies within teams.

Assignments:

Zamro	Frontend development and Consulting
Guidion	Full-stack dev. / Software Architect / Consulting
Tele2	Frontend development / Consulting

Open Source	https://github.com/howerest/sdkzer
Open Source	https://github.com/howerest/js-webservices

2015

After a really intensive year using Angular.js and learning from one of the best teams ever at Yieldr, I decided to quit and switch back again as independent IT professional, this time in Amsterdam (Netherlands), offering the finest tech solutions, from idea to code.

Assignments:

KLM	Frontend developer and Consulting
Vakantieveilingen	Frontend developer and Consulting
Rabobank	Frontend developer / Software architect / Consulting

2014

I came to Amsterdam looking to work in what I can do better, create products that people use. Full-Stack. Backend & Frontend, UX... I'm flexible. I spent 2014 rebuilding an Entire Real Time Bidding frontend application at Yieldr.

Assignments:

Yieldr	Frontend developer, Software architect and Consulting

2013

I kept working hard on my projects (Binarty, BringMotion and Productividad Extrema). Eventually I made an Online Marketing course for Lugo's Council, teaching people how to investigate online market opportunities, create digital products and sell them online

Assignments:

Shuffler.fm	Full-stack dev.
BringMotion v2	Full stack development and Software architect
A-Porta Innovaciones S.L.	Online strategy
Lugo's council	Teacher for a face-to-face online marketing course

2012

I rebuilt BringMotion (bringmotion.com) entirely alone... +70000 lines of code, becoming an expert in unit testing in the way. I have written hundreds of unit tests in this project. From idea to production with my own hands.

Assignments:

Y-Isabel	Wordpress integration
A-Porta Innovaciones S.L.	Design and Markup of marketing flyers
Productividad Extrema	Full-stack dev., Architect, Online trainer
Blog Productividad extrema	Full-stack dev.
BringMotion v1	Full stack development and Software architect

2011

I started my first serious company, developing few projects with ruby on rails like bringmotion.com and productividadextrema.com and around 8 other projects in the next years.

Assignments:

Mercadillo Semanal	Full-stack dev., Architect, Consulting
Hierros Ferreiro S.L.	Full-stack dev., Architect, Consulting
Janfer S.L.	Online marketing Consulting
MV Tenerife	Frontend development
Martínez e Hijos S.L.	Full-stack dev., Consulting
Shippinglob	Full-stack dev., Architect, Consulting

2010

I started working as freelance offering web development, design and video services, with some interesting projects. I made everything myself so I touched all the areas.

Assignments:

Binarty	Full-stack dev., Architect
Private	Online-shop from scracht. Full-stack dev., Architect
Open Source	https://github.com/DavidValin/sfDoctrineNestedSetEasyManagerPlugin
Lonver	Full-stack dev., Architect, Consulting
Anvar	Design, Frontend development, Consulting
NN Coins	Design, Frontend development, Consulting
Teatro do Miolo S.L.	Frontend development, Consulting
La CooK	Full-stack dev., Consulting

2009

I developed one website and then started to work as new technologies trainer for Lugo's Town Hall where I taught more than 40 students for 9 months.

Assignments:

Inmobiliaria Fontiñas	Full-stack dev., Architect, Consulting
Lugo's Town Hall	New technologies & Online security trainer

2008

Although I had created previous small websites, this is the year where I created the first website for a final client. This was using Javascript, HTML, CSS, PHP and symfony

Assignments:

Festival HO!	Full-stack dev., Architect, Consulting

2007

I started working. Nothing related to technology but it taught me to push myself.

During this 9 years I was learning myself driven by curiosity. Some public software from this time is: :

Assignments:

Private	http://freebsdcluster.dk/~dvc/soft/botv0.01.tar.gz
Private	http://freebsdcluster.dk/~dvc/soft/IPLgen.c

1997

I began learning programming connected to IRC and reading hacker e-zines. Those where awesome times!! I started learning Visual Basic, C language, bash scripting, networks, servers, UNIX...

Testimonials

"David and I worked together for more then 1 year. His contagious enthusiasm and good mood are a very nice addition to any development team, that in combination with his commitment to full-fill a small task or very big assignment make him a very productive developer. Given the opportunity I would definitely would like to work with David again."

Joris Spermon
VP Development
Yieldr

"David is a very creative and proactive developer who's contagious enthusiasm helped bring our application to a new level."

Niels Baarsma
CTO / Co-founder
Yieldr

"David created the entire MVP frontend of an application build for intra-group charging with a strong emphasize on billing and accounting. With backend running on DLT. His business sense and creativity helped us build a good marketing video. David functions best if he has a thorough understanding of the target solution and the end-2-end process."

Mark Dronkers
Customer Lead
ING Bank

"We had a though project at MisterGreen: internationalisation. David helped us with a scalable solution which works really good. I highly recommend David, being a kind and skilled tech person, he knows what he is doing, does his research really well and works fast. There was some time left when he finished the internationalisation project which he used to build a technical SEO solution that helps us rank high fast in Google organic search. Thanks for your work!"

Max van den Ingh
Head Marketing
Mistergreen Direct

"David is a hard-working smart developer cum architect cum consultant for the Front End technologies. He can help the big corporates achieve speed and scalability of a startup with his skills and knowledge of end-to-end web application engineering."

Ajay Chandravadiya
TATA Consulting Services (TCS)

"Each time we make a project with David, is an enriching experience. It has never been limited to give a timely solution to the problem is posed, but it makes its point of view and their knowledge and experience to improve or make better use the project that is being addressed. A professional like few in this highly competitive area."
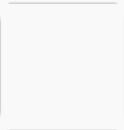
Carlos Portomene
Director
A-Porta Innovaciones S.L.

"David Valín works with the most advanced technical knowledge and the seriousness of formality of a law firm. I would define him as a professional capable and auto-exigent which you like working with."

Carlos Cesteros
Lonver

"Sobriety and professionalism in addressing the projects, and resolution for developing the entrusted facet. "

Alejandro Losada
Festival HO!

Academic

2004 — **High School Graduated**
IES Villalba Hervás
Tenerife (Canary Islands), Spain

2008 — **Operation of computer systems**
IES A Piringalla
Lugo, Spain

since 1997 — **Serial autodidact**
Programming, Software design, Film-making, Marketing, SEO, Visual Design, Online business
Spain and Netherlands

Languages

🇬🇧 **English** full professional proficiency
🇪🇸 **Spanish** native

Programming languages

Active programming languages

- **Javascript** 18 years
- **Typescript** 10 years
- **Erlang** 4 years
- **Ruby** 7 years

Previous experience with

- PHP +5 years
- Visual Basic
- Perl
- Basic

Styling / Data exchange

- **HTML** +16 years
- **CSS** +16 years
- **LESS, SASS** +10 years
- **JSON, XML** +10 years

Sporadic languages

- **C / C++** (spare programming time)
- Ada started learning
- Java (spare programming time)
- Bash scripting (spare programming time)
- Python (spare programming time)