

# Renzo Pigliacampo

Full Stack Web Developer

Tucumán 387 (2200)  
San Lorenzo, Santa Fe  
Argentina  
+54 9 (3476) 61-6563

[hipnosis183.github.io](https://hipnosis183.github.io)  
[github.com/Hipnosis183](https://github.com/Hipnosis183)  
[renzopigliacampo@gmail.com](mailto:renzopigliacampo@gmail.com)  
[linkedin.com/in/renzo-pigliacampo](https://linkedin.com/in/renzo-pigliacampo)

## About me

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I'm a professional Full Stack software developer with 6 years of experience, with a greater focus on frontend development and design. My current development stack is NodeJS/Electron + MongoDB + Vue/Angular, although I'm comfortable working with other JS/TS and CSS libraries/frameworks, such as Astro and Tailwind.

## Skills

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### Web Development

- General: JavaScript / TypeScript, HTML, CSS
- Frontend: Vue, Angular, Astro, Tailwind
- Backend: Node.js, Express, MongoDB, Mongoose, Electron
- Others: JSX, AngularJS, jQuery, Sass, Material, Bootstrap
- Tools: Visual Studio (CE and Code), Git, NPM

### Programming

- Proficient: JavaScript / TypeScript
- Familiar: C / C++, C#, Python, Java, Assembly (x86)

### Graphic Design

- Adobe Illustrator, Adobe Photoshop, Artificial Intelligence (AI), Inkscape

### Languages

- Spanish (Native)
- English (C1 | Advanced)

## Experience

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### Professional

#### Hornero - Feature-rich, modern bussiness management software

Freelance | Vue, Node.js, Express, MongoDB (July 2023 - Now)

- Responsible for the software's design and programming, including the engineering process.
- Analysis of the administrative and commercial needs of the clients.
- Legal receipts generation and electronic billing implementation consuming AFIP's (Argentina's taxation authority) web services.
- Development of Hornero UI, a set of high complexity UI components.

#### IT Technician

Televisora Color Capitán Bermúdez (April 2020 - July 2020)

- Hardware and software maintenance.
- Local server and virtual machines (Hyper-V and Windows Server) maintenance.
- Assist coworkers with the software they use, and communicate with the developers when necessary.
- Substantial security and infrastructure improvements.
- Installation and maintenance of local networks.
- Setup of MikroTik routers and VPN connections for remote access to the local servers.

## Personal

### Viridian – Feature-rich video editor

Angular, TypeScript, Tailwind, Electron (October 2022 – Now)

- In-depth research and learning about video encoding and related concepts.
- Extensive FFmpeg exploration, to implement several of its features in the application.
- Usage of Angular with Electron.

### Instagular – Custom Instagram client for a better desktop experience

Angular, TypeScript, Tailwind, Node.js (January 2022 – September 2022)

- Analysis, study and reimplementing of the design and functionality of a grand-scale social media platform.
- Implementation of a private backend API to bypass the limitations of the original service.
- Redesign of the user interface for a better desktop experience.

### JM-Server – Server emulator for Jewelry Master

C, Node.js, Express, MongoDB (August 2022)

- Server reimplementing for an online videogame already out of service.
- Analysis of network functions through reverse engineering.
- Development of a HTTP server in both Node.js and C.

### Glaucous – Videogames database builder, library manager and emulator frontend

Vue, Tailwind, Electron, NeDB (June 2021 – Paused)

- Understanding concepts and usage of modern frameworks.
- Development of desktop applications with web technologies.
- Customizable and dynamic design, considering elements such as user preferences and accessibility.

### SALNE – Standardized Management Software for National Libraries

AngularJS, Node.js, Express, MongoDB, PMBOK 6 (November 2020 – May 2021)

- Development of Full Stack web applications, including Backend APIs and Frontend clients.
- Introduction and general knowledge on software project management.
- Application of planning and design to a software product.
- Familiarization with agile development methodologies (SCRUM).

Be sure to visit my [portfolio](#) at my website to see all my works, and also the [articles](#) section to read interesting things that I usually write from time to time.

## Education

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**Autodidact** (2018 – ∞)

### Software Developer

Instituto Superior de Educación Técnica Nro. 25 – Puerto Gral. San Martín (March 2018 – May 2021)

## References

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Available at request.