

# Daniel Ocampo Carvajal

Engineer and Software Developer

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Engineer graduated from the University of Quindío (2014-2019) in Colombia and software developer graduated from Henry's bootcamp (2022-2023) in Argentina. I consider myself a very curious, analytical, and leader-oriented person. I enjoy innovating, developing, and finding solutions to problems. Additionally, I have a fascination for applied mathematics, which is why I chose to study engineering for five years, I am drawn to big challenges, and I know that software development encompasses many of them. That's why I am determined to pursue this path.

Technologies I use in Frontend and Backend development:

- React
- Redux
- JavaScript
- HTML y CSS
- Node.js
- Express
- Sequelize
- PostgreSQL

Languages:

- English (C2, lived in the United States for 14 years)
- Spanish (Native)

## EDUCATION

- Full Stack Web Developer. Henry Bootcamp. 700 hours of theoretical and practical coursework. 2022 - 2023.
- Civil Engineering. Universidad del Quindio, Colombia. 2014 - 2019.
- Middle School and High School – Naples, Florida, USA.

## PROYECTS

**Full Stack Web Development - Workify** (Service Providers Hub:

Experience: Henry Bootcamp

- Design and develop a Services App that included features such as Google, email, and password authentication with Firebase, search functionality, combined filtering and sorting, an admin dashboard for user and service banning, email sending capability, a shopping cart, Stripe payment gateway integration, Claudinary for file handling, among others.

Front: React, Redux, Bootstrap

Back: Node.js, Express

Database PostgreSQL y Sequelize.

Link of deploy: <https://workify-alpha.vercel.app/>

**Full Stack Web Development - GAMESFORU** (Videogame Hub)

Experience. Henry Bootcamp

- Design and develop a Video Game App that included features such as search functionality, combined filtering and sorting, among others.

Front: React, Redux

Back: Node.js, Express

Database: PostgreSQL y Sequelize.

Link of deploy: <https://gamesforu.vercel.app/>

## PROFESSIONAL EXPERIENCE

### Engineer Mid-Senior

September 2022 - Present

Superior CS Group, New York, USA (Remote).

- Utilized specialized software to create highly detailed topographic plans that accurately reflected the terrain characteristics.
- Applied knowledge in surface management to perform grading calculations and ensure proper terrain adaptation according to project specifications.
- Conducted road inventories to gather information about roads, streets, and other infrastructure elements, using the data to design efficient drainage systems.
- Developed technical drawings (drafting) of pipes, inlets, and manholes, following relevant standards and specifications.
- Collaborated closely with other professionals, such as engineers and architects, to contribute to the integrated and coordinated design and development of engineering projects.
- Regularly updated and maintained existing plans, reflecting changes and modifications made throughout the project.
- Complied with applicable regulations and standards, including building codes and environmental regulations, to ensure the safety and legality of projects and designs.

### Full Stack Teaching Assistant

May 03, 2023 - Present

Henry Bootcamp, Argentina

- Coordinating a group of students to ensure integration into the study team.
- Assisting in solving exercises and promoting group collaboration (Pair Programming).
- Proposing ideas for improving Bootcamp processes.
- Resolving live coding exercise doubts and questions.

### Senior Engineer

September 2018 - September 2022

CT INGENIERIA SAS, Cartago, Colombia.

- Developed over 5 kilometers of roads and 700 meters of tunnels.
- Planned and managed budgets for residential and commercial projects totaling seven million US dollars (7,000,000), notifying the project manager in case of budget overruns, schedule delays, or major issues.
- Hired contractors and other staff, allocating responsibilities.
- Planned, scheduled, organized, directed, controlled, and evaluated construction projects from start to finish, according to schedule, specifications, deadlines, and budget.
- Led project pursuits by determining budget estimates and staffing requirements.
- Monthly assessed, monitored, and reported on work progress.
- Drove communication within a high-performance, cross-functional organization to meet aggressive goals.
- Collaborated with internal teams to develop project solutions resulting in on-time execution.
- Served as a point of contact to support order management, testing, and reporting.
- Assisted the project manager in drafting schedules and related documentation.
- Used control tools to update and monitor project schedules on a monthly basis.
- Worked with and supervised over 25 field workers.