Klaus Manuel Cedillo Arredondo

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Skills

- C# | Java | JavaScript | TypeScript | C++ | C | MySQL | Node | Express | React | jQuery | Git | Unity 2D | Game Development
- Microservices | Frontend | Backend | Full-Stack | English and Spanish
- Leadership | Teamwork | Problem Solving | Creativity | Attention to Detail | Adaptability | Communication Skills

Experience

Software Engineer **Panoptimize** *CDMX, Mexico* **01/2024 - Current**

- Contribute to the design of the mainframe of the website.
- Helped build the software arquitecture, database structure and frameworks used.
- Build many of the front-end components, storybooks and pages.
- Establish endpoints for all CRUD operations in the database.

Fullstack Developer **The Pueblito** *CDMX, Mexico* **01/2024 - 05/2024**

- Created the Figma design, which served as the primary blueprint for the front-end development process.
- Proposed the database scheme as well as the transactions that would be used to move the information.
- Develop algorithms to determine the shortest routes for the messengers while maximazing the number of packages delivered.
- Build the backend, endpoints and models used for the transactions

Mobile App Developer **SEL4C** *CDMX, Mexico* **01/2023 - 06/2023**

- Proposed mechanics easy and friendly to the user that addapted based on the initial diagnosis
- Developed the administrador page to manage and review results of the app
- Created the database and endpoints that connect to the app

Game Developer *CDMX, Mexico* **07/2022 - 12/2022**

- Used Unity to generate a unique game that is both fun and educational for children.
- In charge of security of the web app, including password encryption and hacking prevention, such as brute force.

Main Programmer **Nautilus 4010** *Texas, USA* **01/2021 - 06/2021**
Calgary, Canada
CDMX, Mexico

- Created the controller of the robot used to participate in internatinal competions of First Robotics Competition.
- Worked with multiple sistems such as gryoscope, air compression systems and omnidirectional wheels.
- Participated in educational campaigns for schools to invite them into STEM careers.

Education

Computer Technologies Engineering **Tecnologíco de Monterrey** *CDMX* **06/2021 - Current**

- Specialization in Game Development

Projects

- **Congress Library:** An project that helps you find resources through the use of the Congress Library API.
- **Weather Search:** An weather forecast of the entire world in realtime and subsequent days.
- **TMDB:** An database full of movies ordered by relevance, best rated and use of local storage for favorite ones.
- **Portfolio:** A combination of tailwind and javascript to showcase my most relevant projects in an elegant and stylish way.

Mentorship

- **Computer Science:** Programming | Data Structure and Algorithms | Professional Portfolio

Others

- **Chariman's Award**: Won the Chairman's award as the Nautilus 4010 team for our community service projects involving technology
- **Certificate of English Language Proficiency B2**