

# Victor Bustillos

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## EDUCATION

**Monterrey Institute of Technology and Higher Education**  
*Bachelor of Science in Computer Science, 95/100 GPA*

Guadalajara, MX  
Aug. 2019 – Jun 2023

## EXPERIENCE

### Brightcove

Dec 2022 – Current

*Software Engineer*

- Collaborated with a cross-functional team to define, design, and ship new features for the company's product, a streaming platform that provides global reach of client's multimedia content using React.js and Typescript/Javascript
- As the sole contributor to the redesign of the company's design system, developed and maintained responsive React components, resulting in a 30% faster load time and a 25% increase in user satisfaction scores.
- Designed, developed, and managed highly scalable services for distributing multimedia content via CDN using Node.js and Express.js

### Meta (via MLH)

Jun 2022 – Aug 2022

*Production Engineer Intern*

- Participated in a rigorous 12-week technical training program, mastering Production Engineering fundamentals, enhanced by real-world insights from industry leaders and interactive workshops
- Designed and launched a template-based website, using Python, Flask, Jinja, and MySQL. Optimized for scalability and performance using Docker and Nginx, with robust quality assurance through comprehensive unit-test integration
- Implemented container monitoring and alerting system with Prometheus and Grafana, improving efficiency and reliability
- Automated testing and deployment workflows using CI/CD, effectively reducing deployment times by 70% and simplifying the testing process

### Wizeline

Jan 2022 – Dec 2022

*Software Engineer*

- Successfully reduced the time for interview scheduling from hours to minutes by automating the process. Achieved this through effective integration with Wizeline's BigQuery datalake and various external APIs, including Zoom and Google Calendar.)
- Developed a Vue.js-based web application for interview management with high focus on usability and friendly user interface, resulting in a 94% user satisfaction rate based on surveys
- Enhanced system efficiency through the development of serverless services using AWS Lambda and Python (Chalice). This led to a 30% reduction in maintenance costs and a more responsive infrastructure
- Actively contributed to the application's architecture design, focusing on scalability and security

### Centrident

Oct 2020 – Sept 2021

*Software Engineer*

- Redesigned and developed company's landing page, responsive and accessibility compliant, using React.js and Tailwind
- Improved website's SEO by optimizing key metadata, improving site loading speeds and enhancing keyword strategies, resulting in a 40% increase in organic traffic
- Performed SQL database cleaning on inconsistent/corrupt data, optimized Django server response times by up to 50%

## PROJECTS

**Chess** | *Sveltekit, Typescript, Tailwind, Node.js, MongoDB*

Oct 2022

- \* Chess game web application with both local mode and online socket-based multiplayer mode
- \* It uses ranking system over user accounts, allowing also social media features and in-game chat
- \* System can match players for games based on their rankings, ensuring that players face opponents of a similar skill level

**Spotify Stats** | *React.js, Typescript, Tailwind, AWS Lambda, DynamoDB, D3.js*

Oct 2022

- \* Built a mobile-first React application using Spotify API that presents user's listening data and favorite artists
- \* Utilized D3.js to create interactive charts for visualizing user's historical listening data, enhancing user engagement
- \* Serverless Functions are used to record and retrieve user's historical audio habits periodically to DynamoDB

## TECHNICAL SKILLS

**Languages:** Typescript, Javascript, Python, Go, C#, C++, HTML, CSS, SQL

**Libraries:** React, Svelte, Vue, Pandas, NumPy, Matplotlib, Tensorflow, PyTorch, Keras, OpenCV, AgentPy

**Frameworks:** Next.js, SvelteKit, React Native, Express.js, Flask, Chalice, Django, Gin, Tailwind, MUI

**Developer Tools:** Git, Docker, Firebase, AWS, Azure

**Spoken Languages:** English (C1), Spanish (Native), French(B1)

**DevOps:** Containerization, CI/CD, Linux Systems, Bash scripting