

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

- Developed and maintained high-quality web applications for cloud streaming services using ReactJS with Typescript
- Collaborated with cross-functional teams to define, design, and ship new features
- Built and maintained reusable components of an internal design system
- Designed, developed, and managed highly scalable services using Node.js and Express.js

Wizeline

Jul 2022 – Dec 2022

Software Engineer Intern

- Reduced company's interview assignment process duration to minutes instead of hours by automatizing manual steps of the process, integrating the app with Wizeline's datalake (BigQuery), and external APIs (Zoom, Google Calendar, etc)
- Developed web application for managing and monitoring interview assignment process using Vue.js
- Worked on developing serverless services using AWS Lambda and Python (Chalice)
- Took part on design of the architecture of the app

Meta (via MLH)

Jun 2022 – Aug 2022

Production Engineer Intern

- Completed 12-weeks of structured curriculum-based learning covering core Production Engineering topics, supplemented with events / workshops hosted by industry experts
- Created an open-source portfolio website template using Python, Flask, Jinja, MySQL, Docker, Nginx and unittest
- Automated testing and deployment workflows using CI/CD
- Set up system and container monitoring, alerting, and visualization using Prometheus and Grafana

Blue People

Apr 2022 – Jul 2022

Software Engineer

- Developed Full-Stack applications that met client's requirements on a microservice architecture using React, Node.js and AWS technologies
- Took part on requirement analysis and specifications alongside clients
- Maintained long-term support for clients on deployed cloud applications, offering support and monitoring

Centrident

Oct 2020 – Sept 2021

Software Engineer

- Developed REST API's using Django and MySQL to store and manage client data
- Developed a full-stack Web landing page using Node.js and React
- Developed a system's administration Web App using React, Go and MySQL for management and scheduling of clients

PROJECTS

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

Oct 2022

- * Developed a Web app using Spotify's API that presents user's listening data and favorite artists
- * Designed a Mobile-first React User-Interface for the application using Tailwind CSS
- * Using D3.js developed data visualization charts for user listening habits analytics
- * Serverless Functions are used to record and retrieve user's historical audio habits periodically to DynamoDB

Cipher | Go, React, Material-ui, Firebase, Realtime Database

Apr 2022

- * Designed and developed a public API hosted on heroku to cipher and decipher messages using HTTP requests
- * Multiple cipher methods available (Caesar, Morse, Atbash, etc)
- * Developed a web client connected to the public API with user authentication, interacting with Realtime Database to save and retrieve user's API calls history

TECHNICAL SKILLS

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

Frameworks: React, Vue, Svelte, React Native, Express.js, Flask, Django, MUI, Gin

Developer Tools: Git, Docker, Firebase, AWS, Android Studio

Libraries: Pandas, NumPy, Matplotlib, Tensorflow, Keras, OpenCV, AgentPy

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

Devops: Containerization, CI/CD, Linux Systems, Bash scripting