JOEL CASTILLO   FULL STACK DEVELOPER
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SKILLS _____

- Javascript | Typescript | Python | Ruby | SQL | GraphQL | NodeJS | Rails | NextJS
- HTML5 | CSS3 | SASS | React | Vue | Redux | Firebase | PostgreSQL | MongoDB |
- SQLite | TypeORM | Active Records | Git | Heroku | MVP Architecture | TDD | Agile
- RESTful APIs | MERN Stack | Jira | Team management | Microsoft Excel | Customer Service | English, Spanish - All professional proficiency or above

WORK EXPERIENCE _____

CODE FLAKES
JUNIOR FULL STACK RUBY ON RAILS DEVELOPER - NOV 2020 > MAR 2021
- Pioneered new features in an upcoming versatile SAAS which can adapt and be used by a range of more than 10+ types of enterprise based users.
- Optimized the overall layout and structure of the platform allowing for 25% faster load times
- Developed a binary tree traversal to display a responsive UI/UX editable organizational chart of the company capable of displaying 100+ employees
- Created E2E tests using Selenium and RSpec for unit testing

FREELANCER
FULL STACK DEVELOPER - JUL 2020 > Present
- Developed an enterprise warehouse management app from scratch using ReactJS for the Frontend and Electron(NodeJS) serving the backend capable of serving 100+ users.
- Pioneered a NoSQL database using JSON that allowed to perform up to 1000+ operations on a single call to handle all CRUD operations between documents
- Created up to 9+ screens to handle editing inventory, employees, warehouses and machine operations,
- Facilitated easy interactions between screens allowing for inventory, machinery and warehouses to be able to display up to 10000+ records inside each other
- Revamped features for more than 10+ websites such as menus, sections and overall layout changes while focusing in cross-browser functionality

RELEVANT PROJECTS_____

PYTHON TELEGRAM SPOTIFY DOWNLOADER BOT

- Wrote in full Stack in Python allowing users to download up to 50 of their favorite songs in Spotify for free
- Managed authentication through the Spotify API allowing users to login into the bot
- Allowed users to synchronize more than 100 songs of their favorite Spotify songs.
- Designed an easy-to-use UI with pagination using the telegram API, being able to display 10 songs at a time

JAVASCRIPT MINECRAFT HEROKU SERVER WITH DROPBOX AS STORAGE

- Implemented NGROK to create public tunnels using Heroku and reduce lag, allowing more than 10+ concurrent users.
- Automated server creation to be less than 2 minutes on startup.
- Resolved storage being ephemeral in Heroku using the Dropbox API with Cron Jobs to automate server backups every 5 minutes
- Introduced states machines to allow the handling of server status and commands in real time with a 60 ms latency

EDUCATION _____

UNIVERSIDAD RAFAEL BELLOSO CHACÍN - ZULIA, VENEZUELA
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING - JUL 2016 > APR 2021