

Ulises Gomez

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Professional Experience

Company: Gravity Lending (Finance)

Title: Full Stack Software Developer

Dates/Type employed: 3/2022 - 01/2024 as FTE

Skills: JavaScript, PHP, SQL, jQuery, PHP8, Bootstrap, Fintech, Automation, Security.

Synopsis: Build, design, and implement parts of the backend and frontend systems for WildFire (a proprietary LOS).

Projects: The "WildFire" Loan Origination System.

- Designed and implemented a manager dashboard with customizable widgets based on user permissions and department, enabling simple analytics and empowering team and loan application management. This helped the company assign and process 150+ loan applications daily.
- Architected and developed an automated loan document generation feature, resulting in a time-saving of 10-20 minutes per application for the team.
- Streamlined tedious tasks by integrating 3rd party systems into the backend, such as DocuSign, FedEx, and FluidPay, improving workflow efficiency.
- Managed new projects and collaborated with department heads once the lead developer departed, ensuring a smooth and uninterrupted workflow and demonstrating leadership potential.

Reason for separation: Moved states.

Company: Essentium, Inc (Industrial 3D printers)

Title: Software Developer

Dates/Type employed: 06/2021 - 01/2022 as FTE

Skills: JavaScript, React, Single Page App, Automation, REST API, Figma, Tulip low-code platform, and Architect.

Synopsis: Collaborate with production managers and their teams to streamline manual calculations and data collection by successfully automating processes.

Projects: Production Tulip Application, Report Generator

- Modeled application to automate manual tasks such as weight tracking of good/bad material, machine settings, and material location, saving the team 30+ minutes per day and reducing user error.
- Integrated Tulip's REST APIs with a React web app to display raw production data as reports, saving the manager 10-15 minutes per product run and improving data accessibility.

Reason for separation: Company-wide layoffs.

Company: Concept.App (Social Media Startup)

Title: Frontend Developer

Dates/Type employed: 01/2021 - 06/2021 as Part-time Intern

Skills: JavaScript, React, CSS3, Single Page App, REST API, Figma, Responsive Design.

Synopsis: Developing a social media platform that promotes well-being and self-development.

Projects: MVP for social media application

- Utilized React to translate complex UI blueprints into mobile-responsive profile pages within 2-week sprints, demonstrating agile development skills.
- Collaborated with a remote agile team of 9 to efficiently meet project deadlines, showcasing teamwork and remote collaboration abilities.

Reason for separation: Contract ended.

Projects:

Name: Clean Cart - Grocery Ingredient Filter Chrome Extension [App Link](#)

Description: Developed a Chrome extension that analyzes food product ingredients on Instacart, identifying potentially harmful additives and providing users with clear, visual feedback to aid healthier shopping decisions.

Key Features:

- Real-time ingredient analysis and identification of concerning additives (e.g., artificial sweeteners, preservatives, synthetic colors).
- Badge-based visual indicators (Red, Yellow, Green, Gray) on product images for quick assessment.
- Interactive tooltips provide detailed information on concerning ingredients and their severity.
- Efficient performance through memory and persistent caching (IndexedDB).
- Batch processing and smart caching strategies for optimized resource utilization.

Technologies: JavaScript, Chrome Extension APIs, Supabase (PostgreSQL), Web Crypto API (SHA-256 hashing).

Impact: Launched and used by users, demonstrating initiative, full-stack development skills, and the ability to deliver a functional and valuable product from concept to deployment. Addresses a real-world problem and showcases user-centric design.

Personal Projects & Interests:

Stock Investment & Trading: Actively engaged in stock investment and trading since 2021, demonstrating analytical skills, financial acumen, and continuous learning in financial markets.

Books: "Why Smart People Make Big Money Mistakes", "Principles by Ray Dalio", and "Meditations by Marcus Aurelius."

Datatables jQuery Library Contribution: Contributed an "Exclude Search Term" feature used by 50+ users. [GitHub Link](#)

Workout Tracking Mobile & Progressive Web App: Developed a mobile app (Ionic, Vue, Firebase) and web app (chart.js) for workout tracking, showcasing full-stack mobile and web development skills. [Website Link](#)

Education:

- Coding Dojo - Coding Bootcamp - Certificate