

Mark Francisco

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FULL-STACK WEB DEVELOPER

My experiences in business and tech have been key to my successful ownership of large-scale software projects. I take pride in producing detailed work while focusing on clear business outcomes. I'm comfortable communicating with a variety of audiences, and am skilled at breaking down complex requirements. I've always enjoyed learning from those whose backgrounds differ from my own, and am eager to solve meaningful problems with a collaborative team.

SKILLS

Ruby on Rails, Hotwire, React, Vue, JavaScript, SQL, Object-Oriented Programming, Spanish, Excel, Shape Up, Agile

EXPERIENCE

Workforce.com

Software Engineer

March 2023 - Present

- Developed core logic for new US payroll product and built architecture to ensure scalability to new locales, resulting in expansion to 22 states covering 61% of the US population within first 14 months of go-live.
- Scoped out legal and regulatory requirements for developing payroll software across multiple states and industry verticals.
- Designed and shared technical specs across teams and regions to ensure cross-functional alignment on new features and overall product direction.
- Implemented mission-critical payment infrastructure to ensure accurate tax deposits and filings for clients.
- Collaborated via whiteboarding and pair programming sessions to promote the sharing of core domain knowledge.
- Reviewed pull requests as part of US approvals team to encourage readable code and ample test coverage in the codebase.

Junior Software Engineer

September 2021 – March 2023

- Migrated mobile app to Hotwire framework to increase developer productivity and get product enhancements into customers' hands faster, due to reduced code complexity and a more streamlined iOS app approval process.
- Reduced annual cost of API integration by 45% by migrating service providers, optimizing queries, and negotiating pricing.

Kenway Consulting

Management Consultant

August 2018 - January 2021

- Served as project manager for a team of 12 people to facilitate the re-build of an enterprise IVR application, significantly exceeding productivity targets from the elimination of legacy vendor partnerships.
- Scheduled and ran weekly check-ins with project sponsors to communicate status, risks, and dependencies across teams.
- As a business analyst, listened to and assessed leadership needs, helping define direction of development efforts of up to 12 months in length and composed of 100+ user stories.
- Created Power BI dashboards to track internal company recruiting data, inclusive of requirements gathering, SQL query creation, QA testing, and end user training.
- Administered customer relationship management platform, handling 30 support tickets per month, building custom forms and workflows, and writing technical documentation to deepen company's knowledge of underlying implementation.

EDUCATION

Actualize Coding Bootcamp

Certificate in Full-Stack Web Development

January 2021 - May 2021

- **Capstone Project:** Built a full-stack web app to facilitate the collaborative planning of vacations. UI allows users to designate multiple owners to add and track details of a shared trip. App built with Vue.js, Ruby on Rails, PostgreSQL, and Mapbox API integration. App deployed at travel-bug-vue-app.netlify.app.
- **Curriculum:** Learned fundamentals of full-stack web development in areas of project architecture, full-stack development, RESTful routing, database schema design, and the effective self-teaching of new technologies.

Indiana University – Bloomington, Kelley School of Business

Bachelor of Science in Business

August 2014 - May 2018

- **Major:** Marketing/Business Analytics; **Minor:** Spanish
- **Honors:** Business Honors Program, Hutton Honors College, IU Founders Scholar, Delta Sigma Pi Business Fraternity
- **Service:** Boys and Girls Club of Bloomington, Junior Achievement of Central Indiana

Escola Superior de Comércio Internacional

January - May 2017

Completed internship in Spanish for Mescladís, a Barcelona-based NGO, adapting webpages to English and refining marketing copy in order to improve branding and increase external reach.

INTERESTS

Travel, Foreign Languages, Health, Sustainability, Education