Ricardo Viera

FULL STACK SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack Software Developer with 7+ years of experience building production healthcare applications.Expertise in React, Next.js, TypeScript, and scalable backend services (Node.js and Elixir) with relational data and event-driven workflows. Skilled in designing scalable APIs, background job processing, and modern UI architectures. Proven track record building resilient, production systems, collaborating in cross-functional Agile teams, and leveraging AI tools to improve development speed, code quality, and testing efficiency.

EDUCATION

Florida International University – *Miami, Florida*
Bachelor of Science in Information Technology – Software Track
May 2016

AWARDS AND CERTIFICATES

FrontEnd Developer(React) Certificate
Issued by: HackerRank Feb 2026

AI Engineer Agentic Track: The Complete Agent & MCP Course
Issued by: Udemy Dec 2025

Notable mention for the AMAZE App on **Harvard Business Review**'s article *"How to Accelerate the Adoption of Digital Health Technology"*

Certified SAFe® 4 Practitioner Scaled Agile Inc Oct 19 – Oct 20

LANGUAGES

English
Native Proficiency

Spanish
Native Proficiency

TECHNICAL SKILLS

Programming Languages	TypeScript, JavaScript, HTML, CSS, Elixir, Java, Python
Frontend	React, Angular, Next.js, Tailwind, Bootstrap, Material, Gradio, Redux, RxJS (redux-observable)
Backend	Elixir(Phoenix), Node.js, Express, Java Spring, Hibernate, REST APIs
Data	PostgreSQL, SQL, Prisma, Ecto, Mongo, Supabase
Dev Tools	Git, Docker , Atlassian Bamboo and Jira, AWS(S3, EC2, RDS), Jenkins, Maven, CI/CD, Agile/Scrum
AI	OpenAI Agents SDK, CrewAI, LangGraph, AutoGen, MCP, RAG pipelines, vector search, LLM integrations, CoPilot, Cursor
Testing	Unit testing, Postman, QA collaboration, test automation workflows, JUnit (familiar), Jasmine(familiar), Playwright(familiar)

EXPERIENCE

Elevance Health/Mosaic Health — *Software Developer II*

Sep 2021 - Jan 2026

- ❏ Collaborated with other Software Developers, QAs, Product Owners, Stakeholders and Senior Analysts to follow SDLC methodology including requirements gathering and analysis, technical feasibility, design,coding and testing.
- ❏ Delivered end-to-end features in Agile teams, collaborating closely with product, QA, and UX.
- ❏ Assisted in the sunsetting of a legacy EMR system by facilitating secure data transfer, transitioning the application to read-only mode, and decommissioning automated processes.

Projects:

- **Casper EMR**
  - Built and maintained clinician-facing EMR features using React, TypeScript, and Elixir, supporting high-volume healthcare workflows. Maintained reactive state management using Redux and redux-observable (RxJS) to orchestrate asynchronous workflows and API integrations.
  - Designed and consumed RESTful APIs powering real-time patient data interfaces and operational dashboards.
  - Led PostgreSQL schema changes and production data migrations with zero-downtime deployment strategies.
  - Contributed to event-driven architecture for cross-service data ingestion and system communication.
  - Implemented background job processing with Oban for asynchronous data synchronization and large batch operations.
  - Helped in maintaining and updating the Cron job scheduler for generating various files and running database jobs.

UST Global, Cerritos, California — *Software Developer*
Apr 2018 - Sep 2021

❏ Collaborated with other Software Engineers, QAs, Product Owners, Stakeholders and Senior Analysts to follow SDLC methodology including requirements gathering and analysis, technical feasibility, design,coding and testing

Projects:

● **AMAZE**: a mobile/web app for Anthem's CareMore that offers a simple way to manage patient information and streamline clinician workflow and processes

  ○ Developed front end code in various languages (HTML/HTML 5, CSS/SCSS, JavaScript/TypeScript) while employing the Angular Framework
  ○ Participated in database modeling to ensure best practices
  ○ Developed backend services in Java using Spring and Hibernate for enterprise healthcare workflows
  ○ Continuous deployment of code to a central repository in a CI/CD pipeline

Revature, Tampa, Florida — *Software Developer*
January 2018 - April 2018

❏ Received extensive training on the latest high demand technologies
❏ Worked individually and in a team setting to deliver enterprise level applications

Projects:
● **Hydra** is an ecosystem of applications in an extensible microservice architecture. Hydra provides the infrastructure and pipes for all services to expose APIs to the client applications, and these include service discovery, centralized configuration, and load balancing. Janus is an Angular 4 application that is the primary client for Hydra

  ○ Restructured the projects architecture to better capitalize on the benefits of microservices
  ○ Wrote Unit tests while employing the RESTAssured framework which is built on Junit

● **The Quid** application is an educational game with a focus on learning programming concepts. It is an Angular 4 app which features web sockets usage to ensure a real time experience to its players

  ○ Developed many of the client views that were crucial to the application, by using Angular components

PROJECTS

Deep Research Agent - https://huggingface.co/spaces/ricardo-viera/deep_research

● Built an autonomous AI research assistant that gathers, summarizes, and synthesizes information across multiple sources.

● Implemented multi-step reasoning workflows for long-form, structured answers.

● Designed an interactive UI for iterative research and query refinement.

● Users can choose to email the research to their personal email when done.

●

Career Conversation (AI Resume Agent) - https://huggingface.co/spaces/ricardo-viera/career_conversation

● Created an AI agent that answers questions about my experience using my resume and portfolio as context.

● Enables recruiters and hiring managers to explore my technical background through natural conversation.

● Users can save their contact info. Details are stored in a MongoDb Atlas cluster.

AI Product Copilot - https://ai-product-copilot-xi.vercel.app/

● Built an AI documentation assistant that allows users to upload product docs and chat with them using semantic retrieval.

● Implemented document chunking, embedding storage, and context-aware response pipelines.

● Developed a streaming chat interface with persistent conversations and server-side storage.