Franco Healy

Sr. React / Next.js, Python AI developer

✉ francohealy076@gmail.com

📍 Gulfport, Mississippi, US

Certificates

Appian certified Senior developer
June 2025
https://community.appian.com/members/francoh7128?
badge=cert&now=638961370928506574 ☒

Generative AI for Business with AWS
February 2025
https://www.mygreatlearning.com/certificate/UFHJMYXA ☒

MIT Machine Learning program
December 16th 2023 ~ April 6th 2024

Skills

Frontend
JavaScript • TypeScript • React.js • Next.js • Vue.js • Redux • Redux Toolkit • Vuex • Tailwind CSS • MaterialUI

Backend
Python • Django • Flask • Node.js • Express • Nest • PostgreSQL • MongoDB • MySQL • FastAPI • GraphQL

AI
OpenAI / GPT • LLM • Langchain • Pytorch

Devops
Git • Jira • Trello • Docker • Jest • Pytest • PyUnit • AWS • Heroku • Vercel

Summary

Experienced Full-Stack Developer with 7+ years working across React, Next.js, and Python, with a strong focus on AI and machine learning technologies.
I've built fast, scalable web apps and developed intelligent features using tools like OpenAI APIs, custom ML models, and data-driven architectures.
Skilled in creating seamless user experiences on the front end, while also designing efficient, AI-powered systems on the back end.

Professional Experience

Python, Django AI engineer, *NIX*
06/2023 – 08/2025 | Tampa, FL
- Designed and implemented RESTful APIs using Django Rest Framework to handle user authentication, data management, and third-party integrations.
- Optimized database queries with PostgreSQL and Redis caching, improving API response time by over 30%.
- Designed custom AI-driven workflows combining Python scripts, OpenAI API, and Django background tasks.
- Built and trained machine learning models using PyTorch and TensorFlow for predictive analytics and natural language processing tasks.
- Deployed and maintained production environments on AWS with automated CI/CD pipelines using GitHub.

Sr. React Engineer, *Fullstack Labs*
09/2021 – 02/2023 | Granite Bay, CA
- Led the development of a modular React.js / Next.js frontend architecture with reusable components and optimized rendering for large-scale web applications.
- Implemented state management using Redux Toolkit and React Query, improving data consistency and app performance across complex user flows.
- Collaborated with backend teams to integrate RESTful and GraphQL APIs, ensuring efficient communication and smooth UI/UX.
- Designed and built responsive, pixel-perfect UIs using React, TypeScript, and TailwindCSS, ensuring cross-browser and mobile compatibility.

Education

Bachelor's degree in computer science,
The University of Tennessee
2007 – 2011

Full stack developer, *Noble Labs*
10/2018 – 05/2021 | Tylertown, MS
- Developed and maintained full-stack web applications using Python (Django / Flask) for backend APIs and React.js for dynamic, responsive front-end interfaces.
- Designed RESTful endpoints, integrated PostgreSQL databases, and implemented real-time features using WebSocket and React hooks.
- Ensured smooth deployment and performance optimization through AWS / Vercel, Docker, and continuous integration workflows.

Junior web developer, *Plavno*
08/2015 – 05/2017 | Alexandria, VA
- Assisted in developing responsive web pages using React.js and integrating RESTful APIs developed in Python.
- Collaborated in implementing user authentication, form validation, and CRUD functionality.
- Participated in code reviews, version control with Git, and performance optimization of both frontend and backend.