

Ryan Wynn

WEB AND SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Web and software developer building React and Next.js applications, Python APIs and desktop tools. Independent projects include image detection, an adaptive project planner and interactive portfolios. Commercial background in requirements gathering, stakeholder communication and project delivery.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML5, CSS3

Frontend: React, Next.js, Astro, GSAP, responsive design, accessible navigation

Backend and data: Node.js, Express, FastAPI, Flask, PostgreSQL, SQLAlchemy, Alembic

Testing and delivery: Git, GitHub, Docker, Playwright, Vitest, Pytest, GitHub Actions

Tools and workflow: Electron, Codex, AI-assisted development, debugging, REST APIs

DEVELOPMENT EXPERIENCE

Full-Stack Developer | Independent Projects

Self-employed | Sep 2025 - Present

Smart Brain

React, JavaScript, Node.js, Express, PostgreSQL | 2026

smartbrain.ryanwynn.dev | [GitHub source](#)

- Built an image-detection application that accepts uploads or image URLs and marks detected people using the Hugging Face API.
- Implemented registration, password hashing, HTTP-only sessions and email password recovery with expiring, single-use tokens.
- Used parameterized PostgreSQL queries for accounts and detection rankings; configured Vercel deployment with Neon and Resend.

Project Planner

Next.js, React, TypeScript, Playwright | 2026

- Built an adaptive questionnaire that translates project scope and budget into explained package recommendations and alternatives.
- Implemented typed validation, pricing rules, editable answer state and accessible navigation; checked behavior with unit and browser tests.

Personal Portfolio Projects

Astro, TypeScript, GSAP | 2026

ryanwynn.dev | [GitHub source](#)

- Built coordinated scroll animations, responsive AVIF/WebP artwork loading and reduced-motion alternatives for the portfolio.
- Built a separate Astro edition with accessible navigation and regression tests for cross-browser anchor and history behavior; currently implemented locally.

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ADDITIONAL DEVELOPMENT PROJECTS

Portfolio Modernization

Next.js, React, TypeScript, Vitest | 2026 | Local implementation

- Rebuilt a legacy HTML/PHP portfolio as a component-based Next.js application, retaining its design while adding crawlable routes, project modals, shared metadata, redirects and optimized media loading.

Personnel Management System

Electron, Node.js, JavaScript, HTML, CSS

- Built an offline desktop application for personnel administration with IPC-based local CSV storage, data capture and export workflows.

PROFESSIONAL EXPERIENCE

Head of Growth and Partnership | Quantum Media ME

Apr 2026 - Present

- Gather business requirements and coordinate growth and partnership initiatives across digital media, content and brand collaborations.
- Manage stakeholder relationships and translate commercial objectives into practical briefs, priorities and delivery plans.

Founder | Smooth Sailing

Nov 2021 - Aug 2025

- Founded and managed a maritime services company, overseeing client delivery, operational planning and business development.
- Designed service workflows and worked with technical and engineering partners to address operational needs.

Project Specialist | Aspen Medical

Nov 2020 - Aug 2021

- Coordinated healthcare project activity, maintaining documentation, timelines and stakeholder communication for operational deployments.

EDUCATION AND PROFESSIONAL DEVELOPMENT

Complete Python Developer in 2026 | Zero To Mastery Academy

Certificate of completion | Jul 2026

Python, object-oriented programming, debugging and practical software development.

Full-Stack Web Development and Python | Zero To Mastery Academy

2025 - Present

Al Yasmina School | High School Diploma