

# Wesley Yancy

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## Front-End Developer

I'm a performance-driven developer specializing in modern front-end technologies (**React, Redux, TypeScript**) with a strong emphasis on intuitive **UI/UX design**. My pre-tech background in **sales and education** provides me with exceptional communication and collaboration skills, enabling me to excel in cross-functional teams. Beyond tech, my passions for **sports, finance, and high-end design** inspire elegant, user-centered solutions.

## TECHNICAL HIGHLIGHTS

**Improved load times by 89%** and reduced AWS cloud costs by 52% by refactoring a Django-based internal app and optimizing multi-threaded backend logic

**Built and deployed a fleet-tracking dashboard** using React, Redux, and AWS serverless architecture (Lambda, API Gateway, S3, CloudFront)

**Increased applicant conversion from 50% to 90%** by redesigning UX flows, implementing accessibility standards, and modernizing a school's admissions site

## SKILLS

**Languages & Frameworks:** JavaScript, TypeScript, Python, React.js, Redux, Django, Node.js, HTML, CSS

**Cloud & DevOps:** AWS (Lambda, S3, RDS, Cognito, API Gateway, CodePipeline, CloudFront), GitHub Actions, CI/CD, Nginx

**Databases:** PostgreSQL, AWS DynamoDB, MongoDB, Redis, AWS ElastiCache

**Productivity Tools:** ChatGPT, GitHub Copilot, Amazon Q (AI used for research, refactoring, and debugging, not for code generation)

**Familiar:** Next.js, Express, GraphQL

## WORK EXPERIENCE

### PACCAR Inc.

#### Front-End Developer

08/2024 – Present

- Designed and built the front-end of a fleet-tracking dashboard using React, Redux, and AWS serverless architecture (Lambda, API Gateway, S3, CloudFront) to deliver real-time diagnostics and reduce vehicle downtime.
- Debugged and refactored a legacy Django-based internal app, removing memory leaks, streamlining API integration, and optimizing multi-threaded back-end logic, cutting page load times by 89% and cloud expenses by 52%.
- Spearheaded CI/CD automation by setting up AWS CodePipeline and GitHub Actions, accelerating deployments from biweekly to twice weekly and reducing manual QA overhead.

- Leveraged AI tools (ChatGPT, Copilot) to identify obscure runtime bugs, refactor stale components, and document complex flows, enhancing productivity without sacrificing code quality.

## Bipolar Entertainment

### Software Development Intern

03/2024 – 09/2024

- Delivered rapid prototypes (API Design, Node.js/React) enabling quick validation of product features.
- Collaborated on scalable back-end architecture supporting sustainable application growth (Python/Django, RESTful APIs).

## Divergence Academy

### Web Project Manager

11/2022 – 04/2024

- Rebuilt and maintained the organization's marketing website, modernizing front-end design and improving accessibility (WCAG) with semantic HTML and responsive layouts — resulting in 50%→90% conversion growth in applicants.
- Streamlined the admissions funnel by redesigning user flows and optimizing key conversion points, reducing scheduling friction and shortening appointment cycles by 65%.
- Applied technical SEO techniques (structured metadata, sitemap generation, performance audits) to increase organic traffic and improve page rankings.

## PERSONAL PROJECT

### Krux – Full Stack Developer | React + TypeScript Training App

- Leading UI/UX and front-end development for a rock-climbing performance tracker (React, TypeScript), enabling athletes to log sessions, visualize progress, and optimize recovery cycles.
- Architected the front-end integration with a serverless AWS backend (Lambda, API Gateway, S3, DynamoDB) as well as PostgreSQL for daily backups and analytics.
- Collaborating in a 3-person full-stack team, contributing to both client and back-end logic with REST API coordination, deployment flows, and user-centric design decisions.

## VOLUNTEERING

### Technology Occupational Advisory Committee Board Member

05/2025 – Present

Southern Careers Institute

- Improved graduate outcomes by advising on curriculum design for AAS in Computer Science, UI/UX bootcamps, and support tech programs.
- Delivered recommendations aligned with industry certifications, emerging tech, and evolving hiring practices.

## EDUCATION

### Associate of Science in Computer Science

01/2024–05/2025

Dallas College • GPA: 3.92 • Phi Theta Kappa Honors • Dean's List

### Full Stack Web Development Certificate

07/2022 – 12/2022

Fullstack Academy | University of Texas at Dallas – Partner Program • GPA: 4.0