

Aaron Elliott

Senior Front-End Engineer



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SUMMARY

Front-end engineer with 10+ years of professional experience, specializing in TypeScript, React and SolidJS. Most recently helped move an entire desktop application to the web on a team of around 10 people, with a focus on strictly typed, modular UI architecture and high test coverage. Comfortable working against .NET and AWS back ends.

EXPERIENCE

Senior Software Development Engineer • Experian Health (formerly Wave HDC)

Remote • 2022 – Present

- Moved every screen of a legacy desktop application to a React + TypeScript web app backed by a purpose-built API over the desktop app's existing infrastructure.
- Architect modular front-end features with strict TypeScript typing and feature-based routing for long-term maintainability.
- Manage server state, caching and async data sync with TanStack Query.
- Write Vitest unit and integration tests for React components and routing.

Workflow Systems Developer • Lakeview Loan Servicing

Remote • 2021 – 2022

- Built AWS Lambda functions for serverless processing of large data files.
- Integrated the Ellie Mae Encompass API and SDK into mortgage-servicing workflows.

Developer • Dealer Specialties

Hybrid, Moraine, OH • 2014 – 2021

- Joined as an entry-level developer and grew under senior mentorship over seven years.
- Built front-end features with .NET MVC and jQuery, including custom JavaScript plugins reused across multiple apps.
- Designed and built the support portal's front end in ColdFusion and jQuery.
- Built responsive user portals and new features for client tools, and maintained back-end services on .NET Framework 4.7.

SELECTED PROJECTS

JK Automotive

Rebuilt a Dayton performance shop's website for its rebrand: prerendered pages, structured data and local SEO.

SolidJS • Vite • Tailwind •
Firebase

Whitebox

In-browser trading-card scanner: custom-trained YOLO detection and OCR running entirely client-side.

YOLO11 • ONNX Runtime Web •
Tesseract.js

PaddockCMS

Multi-site Markdown CMS with a live-preview editor and drag-and-drop media, powering aaronelliott.me and Tuned Authority.

SolidJS • CodeMirror 6 • Cloudflare
R2

SKILLS

Front End

TypeScript, JavaScript, HTML, CSS, React, SolidJS, Angular, TanStack Query, Tailwind CSS, Vite, Three.js

Testing & Tools

Vitest, Git, GitHub, Bitbucket

Back End & Cloud

C#, .NET, Node.js, SQL, PostgreSQL, Python, AWS (Lambda, EC2), Cloudflare, Firebase

Creative

Blender, Unreal Engine, Ableton

EDUCATION & CERTS

AWS Certified Cloud Practitioner

Nov 2024 – Nov 2027

University of Phoenix

Associate's Degree, Computer Programming
2012 – 2014

INTERESTS

Drift racing, 3D environment design, hard-surface modeling, music production, fabrication, photography, digital art, video games, fishing