Will Rosenberg

Product-Focused Full-Stack Software Engineer

Chicago, IL   williamrosenberg.com   github.com/will-rosenberg   linkedin.com/in/will-rosenberg

CORE COMPETENCIES

Full-Stack Development   Product Strategy   React & Node.js   PostgreSQL   Systems Engineering

HIL Testing   Cross-Functional Collaboration   Trilingual (EN/PT/ES)

PROFESSIONAL EXPERIENCE

Founder & Full-Stack Software Engineer
Simple American Accent · Chicago, IL

2018 – Present

‣ Built and scaled a full-stack web application serving [X] active users across [X] countries, enabling audio processing, transcript annotation, and personalized training workflows that drive [X] % user engagement

‣ Delivered [X] + features end-to-end across frontend (React), backend (Node.js/Express), and database (PostgreSQL) layers, reducing development cycle time by [X] % through unified ownership

‣ Engineered authentication system with role-based access control and rate limiting, securing [X] + user accounts while maintaining [X] % uptime

‣ Managed [X] + production deployments and database migrations with zero critical incidents, using structured debugging workflows to resolve issues [X] x faster

‣ Analyzed usage patterns from 400+ clients and server logs to prioritize product decisions, resulting in [X] % improvement in user retention

‣ Increased code reliability by [X] % through unit testing, accessibility audits, and strategic refactoring, reducing bug reports by [X] %

Systems Engineer
Boeing Commercial Airplanes · Everett, WA

2015 – 2018

‣ Led design and testing of automated controls for the 777X air conditioning system, optimizing thermal performance for [X] + passengers across [X] flight conditions

‣ Project-managed HIL test bench build integrating 1,000+ signals and 50+ actuators/sensors, completing system integration [X] % ahead of schedule

‣ Authored and executed [X] + validation test procedures, achieving [X] % first-pass approval rate on engineering change reviews

‣ Represented air conditioning system in [X] + alert/indication design reviews, defining pilot and maintenance data displays that met FAA certification requirements

‣ Coordinated with [X] + suppliers and cross-functional teams (remote and in-person) to resolve [X] + technical issues, maintaining project timeline

Engineering Intern
Ethicon Endo-Surgery · Case New Holland · GE Aviation

2012 – 2013

‣ Developed data acquisition and control logic for lab test systems using LabVIEW, automating [X] + test scenarios and reducing manual testing time by [X] %

‣ Contributed to [X] + structured experiments from planning through execution, identifying root causes for [X] % of anomalies discovered

TECHNICAL SKILLS

Frontend	React, JavaScript, TypeScript, HTML, CSS, Tailwind, Vite, shadcn/ui
Backend	Node.js, Express, PostgreSQL, Prisma, REST APIs, SQL, Auth0
Cloud & DevOps	Render, Cloudflare, Vercel, AWS S3
Testing & Tools	Git, GitHub, pnpm, Jest, Storybook, Postman, Prettier, ESLint
Languages	English (native), Portuguese (near-native), Spanish (near-native, DELE C2)

EDUCATION

BS in Mechanical Engineering
Iowa State University · Ames, IA · GPA: 3.45/4.00

2010 – 2015

CERTIFICATIONS

Architecture and Systems Engineering · MIT Professional Education	2017
Spanish DELE C2 (Mastery) · Instituto Cervantes	2014