Jeremiah Jacobson

Full-stack developer who builds web, mobile, and desktop applications for education, research, and manufacturing companies. I create scalable systems, integrate complex technologies, and work closely with cross-functional teams. I've designed and deployed software and hardware solutions used in global manufacturing for quality control of billions of consumer electronics.

✉ jeredevs@gmail.com   📞 607-207-5737   📍 Cambridge, MA   ↗ https://www.jerejacobson.com

WORK EXPERIENCE

JereDevs Consulting

Independent Consultant & Software Engineer   Cambridge, MA · 2025 - Present

- Contracted by Integrate School to build a new WYSIWYG Editor, Calendar integrations, and a Custom content library system. https://www.integrateschool.com
- Mentoring founders in a startup accelerator with a focus on innovation in AI for William Patterson University. https://www.wpunj.edu/ccob/geir
- Contracted to create an Android/iOS Gym app, from designing in Figma to deployment on the App Stores.
- Contracted to build a rental portal for heavy equipment rentals.

Pivot Interactives acquired by Discovery Education

Full Stack Web Developer   Cambridge, MA · 2022 - 2025

- Created front-end components in Vue.js/Tailwind to be responsive, maintainable, and accessible. Worked on back-end programming in Typescript, including routes, permissions, business logic, data aggregates, events, subscribers, etc.
- Worked on creating internal systems for roster management, auto-grading, and LTI communications and integrations with 3rd party systems such as LMS Systems, grading passback, and rostering.
- Ownership of features from ticket creation to deployment.

Corning Inc. - Gorilla Glass

Senior Software Development Engineer   Corning, NY · 2017 - 2022

- Co-created and maintained metrology software for quality control of Gorilla Glass, optimized QC software, and doubled throughput compared to competitors' software.
- Integrated new hardware and software features based on customer requirements. Protected IP through anti-reverse engineering measures.
- Developed and supported quality control hardware and peripherals in collaboration with a cross-disciplinary team of engineers and scientists.
- Trained new team members in the hardware/software stack, and represented Corning in partnerships with Apple, Samsung, Google, Microsoft, Oppo, and others to deliver consumer electronic solutions.

EDUCATION

Corning Community College

A.A.S. Computer Information Science   2014 - 2016

PATENTS

- WO2020198016A1 - Hybrid systems for characterizing stress in transparent substrates
- WO2022212627A1 - Light source intensity control for polarimetry
- US20210157038A1 - Multi-wavelength prism coupling systems
- US20220276106A1 - Enhanced hybrid stress characterization methods

SKILLS

- JavaScript/TypeScript, C#, Python, Dart
- Tailwind, Jest, Playwright, Cypress, Jira, Figma, React, Vue.js, Flutter, Tauri
- MongoDB, SQLITE, PostgreSQL, .NET, WPF, LiteDB
- Agile.Net, RedGate, NSIS, CI/CD, Heroku, GCP, AWS