

# Alexandra Weaver

Software & Web Developer since 2009 | Seattle, WA

## EDUCATION

**BA in Computer Science**, Harvey Mudd College, Claremont, CA, 2015

**BA in Media Studies**, Scripps College, Claremont, CA, 2014

## EXPERIENCE

**Technical Consultant**, June 2023 – Present

- Developing SaaS platforms for a renewable energy startup & training AI coding chatbots
- Collaborating with CEOs on technical vision, presentations, documents, & grants
- Previous consulting includes high-performance computing SaaS platforms & mobile apps

**Controls Engineer**, H2Power Tech, Bend, OR September 2021 – October 2022

- Developed software using C#/.NET/WPF (dashboards, control panels, & data loggers) to talk to hardware (hydrogen fuel cells & programmable logic controllers)

**App Tester & Hardware Manager**, Focal Systems, Bellevue, WA, October 2020 – March 2021

- Installed hardware to scan shelf inventory; tested & improved mobile app & AI algorithm

**Software Engineer & Operations Manager**, Mickom, Bellevue, WA, April 2020 – October 2020

- *Engineer*: Reviewed & tested mobile app code (Xamarin) & design (InVision)
- *Manager*: Built SharePoint sites; managed projects & tasks; handled administrative duties

**Software Engineer I**, Vertafore, Bothell, WA, August 2015 – December 2017

- Collaborated with development, PM, & UX teams on projects such as diagnostic dashboards, client portals, internal portals, web forms, HTML emails, & UI component libraries

**Software Engineer Internships**, WA, Summers, 2012 – 2014

- *Vertafore (2014)*: Built an Angular dashboard to show the health of our single sign-on system
- *Seattle Avionics Software (2013)*: Helped build a PostgreSQL DB, API, & front-end for a complex flight-planning app with many relational DB tables for airport & navigation data
- *SolutionsIQ (2012)*: Worked on an ASP.NET web app for T-Mobile, used by their CSRs, that allows for flexible business rules & logic

## SKILLS

**Software**: Java, C#, ASP.Net (MVC & MVVM), SaaS platforms & Single-Sign-On development

**Web**: Javascript (libraries & frameworks, e.g., Node, Express, React, Angular, Next), HTML, CSS

**Data**: SQL, PostgreSQL, ORM, stored procedures, data models, APIs, NoSQL, MongoDB

**Development Lifecycle**: Testing, GitHub, Agile & Scrum, UI & UX design

**Learning More About**: Python, AI, Quantum Computing

## CERTIFICATIONS

- **Quantum Explorer**, IBM Quantum, 2023-2024
- **React.js Certificate**, Noble Desktop, New York, NY, 2023
- **Certified Scrum Product Owner**, Scrum Alliance, 2021
- **Certified Scrum Master**, Scrum Alliance, 2012 & 2021
- **Intro to Web Development Certificate**, Bellevue College, 2009

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GitHub: <https://github.com/alexandraweaver>

Personal Website: <https://alexandraweaver-portfolio.onrender.com/>