Shannon Scott **Schupbach**

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(revised 9/1/25)

WORK HISTORY

Sr. Software Engineer Tech Lead
Enova (Dec 2023 - present)
➔ Cultivated best practices and patterns for new UI team and formalized onboarding documentation
➔ Initiated migration of Rails-served Vue2 UIs to standalone React SPAs with REST APIs
➔ Formed new "UXperts" group to connect designers, PMs, and devs across the org working in the UX space

Sr. Software Engineer
Optum Digital (part of UnitedHealth Group, formerly Rally Health) (Aug 2020 - Apr 2023)
➔ Migrated administrative app for configuring targeted content across the entire org from AngularJS to React
➔ Built new administrative app for managing customer tags used to focus targeted content across the org
➔ Improved and maintained automated Jenkins deploy pipelines
➔ Led initiative to standardize and enforce coding style and best practices across my team's three UI apps

Associate Engineer, Frontend Enablement Team Lead
Amount (formerly part of Avant; July 2017 - Aug 2020)
➔ Overhauled large portions of AngularJS app to improve platform scalability and stability
➔ Transitioned Rails app from Bootstrap to internal CSS library and custom AngularJS components
➔ Created road map for migration of core app from AngularJS to React/Typescript/GraphQL
➔ Led development of AngularJS to React proof-of-concept; obtained buy-in from Frontend leadership
➔ Brought all customer- and business-facing UIs into WCAG compliance

Sr. Software Engineer, Analytics front end lead
Aspera, an IBM Company (July 2015 - July 2017)
➔ Architected an analytics platform consisting of an AngularJS/D3 UI, a Go/Glow big data processing app, an auto-scaling Redis cluster, and a Rails API server
➔ Built the Rails API server and the majority of the AngularJS modules pertaining to layout, site navigation, and basic UI

Owner, website creator/administrator
Denali Adventure Tours (summers, 2010 - 2014)
➔ Built administrative tour reservation system with PHP and MySQL, including sales report generation and dashboard, as well as public-facing informational site

SKILLS
Core languages: Javascript, TypeScript, HTML, (S)CSS, bash/zsh, Ruby, (P)SQL, Redis
Core frameworks/tools: React, Nx, Vite, Storybook, AngularJS, Webpack, git, Rails, Docker, Gatsby
Other: WCAG compliance, code quality, Storybook interaction tests, Python2, PHP<=5, R

EDUCATION

Coursework towards a PhD Linguistics - *University of California, Santa Barbara*
➔ Investigated issues of linguistic complexity from corpus and computational linguistic viewpoints using Python and R to analyze data and visualize results (link to working paper)

MA Linguistics - *University of Montana, 2013 (GPA 4.0)*
➔ Explored uses of technology in empowering Blackfeet community to revive their native language
➔ Thesis: The Blackfoot demonstrative system: function, form, and meaning

BA Classics - *Grand Valley State University, December 2010 (GPA 3.975)*
➔ Received the "Sophia Prize for Accomplishment in Classical Languages" (2009-10) and the Classics department's "Department Award" (2010-11), both given to one student each year