

Steven Shao

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EXPERIENCE

Frontend Software Developer

Jan 2026 – Present

Dialpad

Vancouver, BC

- Led platform-wide date range alignment to improve UI consistency and reduce redundant computations, cutting page load times by up to 500ms.
- Resolved a high-priority customer escalation by implementing a global data table fix in Vue, restoring reporting workflows and improving UI consistency while eliminating 300+ lines of redundant code.
- Migrated legacy Backbone.js components to Vue-based wrappers, improving maintainability and accelerating future frontend development.

Software Developer

Jan 2024 – Aug 2024

Visier Inc.

Vancouver, BC

- Developed a status popup and API safeguards with Angular, Scala, and SQL to eliminate a race condition that caused major data loss for our largest enterprise customer. Implemented database schema updates and Datadog monitoring to prevent recurrence, saving 100+ hours of recovery work.
- Won 2nd place in company-wide hackathon for designing keyboard shortcuts in Angular that cut common task completion time by over 50%, and implemented them into the production app to improve user efficiency.
- Owned the legacy Planning module (most profitable product area), creating reusable components in KnockoutJS and adding color-coded hierarchies to clarify calculation logic and improve usability.
- Increased release confidence by adding end-to-end tests with ScalaTest and Maven, performing code reviews for peers and senior developers, and monitoring production deployments via Jenkins CI/CD.

Software Developer

May 2022 – Dec 2022

Ensemble Systems

Richmond, BC

- Built a responsive portfolio page using React, Redux, and React Router to improve UX.
- Reduced company website load times by 30% by serving images in WebP format.
- Led development for multimedia player and automated S3 uploads with CloudFront cache invalidation via NodeJS.
- Prototyped OAuth login with AWS Cognito and integrated it into MVP.
- Wrote unit, integration, and E2E tests with Jest and Cypress, achieving 90% code coverage.

PROJECTS

Personal Website | *TypeScript, React, TailwindCSS*

May 2023 – Present

- Developed a responsive personal portfolio website, with support for all major browsers and mobile resolutions.
- Structured the project using React components and deployed via GitHub Pages with automated build and deployment via GitHub Actions.
- Focused on accessibility and performance optimization, reducing load time using lazy loading and image compression.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML/CSS, SQL, Python, Scala, Java

Frameworks: Vue, Angular, React, KnockoutJS, BackboneJS

Developer Tools: Claude, Gemini, AWS, Git, Jenkins, Maven, VS Code, IntelliJ, Jira, Bitbucket

EDUCATION

University of British Columbia

Sept 2020 – May 2026

Bachelor of Science in Computer Science

Vancouver, BC

- **Academics:** 3.9/4.33 Cumulative GPA
- **Scholarships:** University of British Columbia Tuum Est Award, BC Achievement Scholarship
- **Coursework:** Networking, Advanced Databases, Operating Systems, Computer Graphics

ACTIVITIES AND LEADERSHIP

Team Canada Dragon Boat: Represented Canada at the 2025 IDBF World Championships in Germany