

Dex Mills

Full-Stack Software Engineer

Salt Lake City, UT, United States | [LinkedIn](#) | [Website](#)

Full-stack engineer who ships fast, reliable products end-to-end in TypeScript, React, and Next.js. 7+ years across multiple stacks with a track record of scaling systems to production and mentoring 300+ developers.

EXPERIENCE

Independent Development Consultant

Oct 2025 — Oct 2026

Self-employed

Remote

Built production systems end-to-end in TypeScript, React, and Tailwind for worker-safety workflows and identity verification. Integrated Stripe Identity API into authentication flows to reduce fraudulent account creation. Authored technical documentation in Markdown and Confluence to reduce client onboarding friction.

Senior Developer

Oct 2025 — Oct 2026

Unknown

In my role as a Senior Developer, I focused on enhancing safety protocols and improving team efficiency. I created safety forms using Claude and TypeScript, integrated React and Tailwind for a modern interface, and updated internal documentation with Markdown and Confluence. Additionally, I utilized the Stripe API to verify user identities, which helped mitigate fraudulent account creation.

Full Stack Engineer

Feb 2025 — Present

STG Consulting

Remote

Shipped new product features 25% faster using AI-assisted development tools across the full SDLC. Built A/B-testing component routing in React and SASS that drove 30% lift in user engagement. Reduced new-developer ramp-up time 15% within two months by fixing JavaScript bugs and rewriting internal documentation. Designed and built a Java/Spring Boot backend with PostgreSQL data layer to replace slow client-side fetching, improving page-load performance.

Software Engineer - Kiosk

Aug 2021 — Aug 2024

Extra Space Storage

Cottonwood Heights, Utah, United States

Scaled a Next.js kiosk platform to 300+ physical devices within 12 months by migrating to Vercel and optimizing hardware integration. Led full interface redesign that lifted customer satisfaction 40% across all kiosk locations. Built DataDog alerting pipelines that maintained 99% system uptime for 6 consecutive months. Deployed CDN-cached AI feature using TensorFlow for facial recognition and targeted audio to increase engagement at high-traffic sites.

AEM Web Developer II

May 2019 — Aug 2021

America First Credit Union

Remote

Introduced Agile sprint processes that accelerated team code delivery 30% and cut review cycles. Built cross-platform ElectronJS app that automated update publishing across all channels, growing social reach and site engagement 40%. Built custom Adobe Experience Manager components and meta-tag templates for audience targeting, improving marketing click-through 5%. Gave marketing team independent publishing ability by creating reusable AEM components, cutting developer requests by 10 per cycle.

Front End Web Developer

Nov 2018 — Apr 2019

CxAlloy

Salt Lake City, Utah

Shipped Backbone.js/Electron.js application to Windows Store, expanding customer distribution 10% and cutting page-load time by 1 second.

Full Stack Javascript Instructor

Jun 2018 — Aug 2025

2U

In my role as a Full Stack Javascript Instructor at 2U, I led classes of up to 70 students in mastering web development, achieving a 90% graduation rate in HTML5, CSS3, JavaScript & frameworks. I mentored students on front-end architecture trends for successful transition into software jobs within 6 months, and led front end software engineering students, improving project management and delivering up to 15 successful projects.

Web Developer/Marketing Associate

Nov 2017 — Jan 2019

Cloudveil Mountain Heli

Greater Salt Lake City Area

In my role as a Web Developer/Marketing Associate at Cloudveil Mountain Heli, I focused on developing visually engaging emails using HTML/CSS to cater to our exclusive high-end customer base. Additionally, I optimized the reservations system with a ReactJS application for a seamless booking experience, and maintained a firebase database for real-time data transfer between our web application and iPhone App.

URETC Lead Volunteer Instructor

Nov 2017 — Jun 2018

Utah Department of Workforce Services

Greater Salt Lake City Area

In my role as the URETC Lead Volunteer Instructor at Utah Department of Workforce Services, I trained refugees in Web Development principles, HTML5, CSS3, and Javascript to equip them with valuable skills. I developed and reviewed lesson plans to ensure effective teaching practices and conducted outreach to recruit new team members for upcoming classes.

Web Developer

May 2017 — Jan 2018

Watasch Backcountry Alliance

In my role as a Web Developer at Wasatch Backcountry Alliance, I developed a ReactJS web page to improve user logging in backcountry areas. Utilizing unique JSX logic, I accessed and displayed terabytes of nested meta data. Additionally, I integrated API calls for user authentication with Auth0 and photo display with Dropbox on a single page App.

EDUCATION

University of Utah

Jan 2011 — Jan 2012

Integrated Marketing Communication in Strategic Communications

Build, and execute strategic plan with Utah Swim and Tennis group, to increase memberships on a yearly basis, community involvement in the swim, tennis and education classes at the facility, and create a social and community marketing plan to increase visibility of the brand and facilities.

University of Utah

Jan 2005 — Jan 2010

Bachelor of Arts (B.A.) in Strategic Communications

Activities and societies: Utah Freeskier Society, Freeskiing World Tour, Associated Students of the University of Utah, Mighty Utah Student Section

The Iron Yard

Certificate, Web Development

PROJECTS

Real-time drive-time prediction tool for ski conditions, How Long to Alta

Built a Next.js frontend and Python backend that ingests UDOT webcam and weather data to generate hourly-refreshed, 4-hour-lookahead drive-time estimates to ski resorts.

CERTIFICATIONS

AWS Skills Center - Cloud Practitioner: Foundations, Amazon Web Services (AWS)

Oct 2024

SLUG mag,

SKILLS

Object-Oriented Programming (OOP) · Claude Code · Claude Cowork · JavaScriptMVC · Software Development · JavaScript Libraries · Artificial Intelligence (AI) · Loveable · ChatGPT · Software Infrastructure · Server Side JavaScript · Front-End Development · Sequelize.js · Programming · Java · GraphQL · Optimization · Firebase · Analytical Skills · Web Technologies · Material-UI · ECMAScript · React Hooks · Next.js · Mobile Applications · Continuous Integration (CI) · Figma (Software) · Debugging · PostgreSQL · Object-Relational Mapping (ORM) · Model-View-Controller (MVC) · Git BASH · Classroom Instruction · Content Management Systems (CMS) · Problem Solving · REST APIs · Tailwind CSS · Document Object Model (DOM) · Responsive Web Design · TypeScript · JavaScript · React.js · Web Development · Event Planning · Research · Strategic Planning · Spring Boot · Node.js · Express.js · Python · MySQL · MongoDB · NoSQL · HTML5 · Vercel · DataDog · Adobe Experience Manager · Anthropic API · Cursor · Copilot · ElectronJS · TensorFlow · Technical mentoring · JIRA · Markdown · Confluence · SASS