

Seth Elliott

Software Engineer

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Education A. SC. Degree Web and App Dev Utah Valley University Graduated 2024 B. SC. Degree Web and App Dev Utah Valley University Graduation Year 2027	● Profile Summary Full-stack Software Engineer with 5+ years building production web applications — from responsive UIs to backend services, API integrations, and cloud infrastructure. Skilled in React, Next.js, TypeScript, and Python, with hands-on growth in SvelteKit and modern full-stack tooling through independent projects. Focused on clean architecture, practical problem-solving, and continuous learning. Professional Experience ● Software Engineer SUNRUN, LEHI, UT September 2023 - Present New Homes Design Application (Next.js, TypeScript, Mantine UI, AWS, Python) - Architected and shipped a full-stack web app streamlining workflows for the New Homes Design team, cutting redundancy across residential solar deployments. - Integrated Salesforce REST API for real-time CRM sync and implemented OAuth 2.0 for secure token lifecycle management, eliminating manual data entry and reducing design errors. - Built Python backend services for data processing and business logic, contributing to a company-wide electrical design application for diagram generation and load calculations. - Provisioned and managed AWS infrastructure, and engineered AutoCAD automation (CSV/LISP generation) to programmatically hydrate design templates with project data. - Served as technical PM and cross-functional lead — owning requirements gathering, sprint planning, and stakeholder alignment across structural, electrical, and engineering orgs, while collaborating with senior engineers on legacy codebase architecture. ● Staff Energy System Designer SUNRUN, LEHI, UT June 2019 - September 2023 - Developed internal tooling and automation scripts in Google Sheets to overhaul lot data management across communities, streamlining data storage and improving team-wide efficiency. - Built and maintained a centralized Google Site as the single source of truth for training materials, tools, news, and resources used daily by the design team. - Owned onboarding and enablement end-to-end — designed training programs and procedures, trained new hires, and led live sessions at bi-weekly team meetings. - Managed quality assurance audits across all designers, tracking special projects via Excel/Sheets-based trackers. - Utilized AutoCAD, CobbleStone, and Structural Automation Tools to complete tickets while consistently exceeding production targets.
Key Skills - Cross-Functional Collaboration - Problem Solving - Stakeholder Communication - Analytical Thinking - Adaptability - Technical Leadership	
Technical - JavaScript / TypeScript - React & Next.js - Svelte / SvelteKit - Python - Node.js / REST APIs - AWS / Cloud Infrastructure - SQL & Database Management	