MY-PORTFOLIO-APP-LILAC.VERCEL.APP   SETH.F.ELLIOTT@GMAIL.COM   (434) 609 2644

SETH ELLIOTT

Web & App Developer

I'm currently pursuing a B.Sc. in Web and App Development, with a passion for both frontend and backend development. I enjoy experimenting with new tech stacks and strive to create seamless, engaging web experiences that combine strong functionality with great UI/UX. By understanding the full stack, I aim to stand out as a well-rounded and adaptable developer.

EDUCATION

A.SC. DEGREE

Web & App Dev

Utah Valley Univeristy
Graduated in 2024

B.SC. DEGREE

Web & App Dev

Utah Valley Univeristy
Continuing Education

SKILLS

Soft Skills

Analytical Thinking
Multitasking Efficiency
Problem Solving
Receptive Mindset
Team Collaboration

Technical Skills

Adobe Suite/Figma/Sketch
HTML/CSS/Git
JavaScript & TypeScript
Modern Frameworks:
Svelte/React/Vue

MOST PROUD OF

Academic Achievements

Deans List Mulitple Times.
Nomimated for "The National Society of Leadership and Success - Honor Society"

Work Achievements

Creating/sustaining a web based application for my team.

EXPERIENCE

JUNE 2019 – PRESENT | SUNRUN | REMOTE, UT

Software Engineer

- Collaborated with the New Homes Design team at Sunrun to develop optimal solar layouts for new residential communities by interpreting architectural plans and ensuring high-performance solar designs tailored to each home..
- Designed and developed internal tools and applications to streamline team workflows, improve process efficiency, and enhance overall output quality.
- Built a centralized internal Google Site to consolidate tools, resources, and documentation—reducing time spent navigating multiple platforms and boosting team productivity.
- Created the team's first application in Google Sheets, leveraging CoEfficient to integrate Salesforce CRM data, reducing errors and redesign rates by supporting designers with accurate, automated project data.
- Independently learned and implemented Salesforce's REST API by studying API documentation and conducting tests in Postman to retrieve critical parent-child data relationships from Salesforce.
- Enhanced the application further by integrating access to Salesforce attachments directly within the interface, allowing designers to work more effectively without switching platforms.
- Migrated the tool from Google Sheets to a robust web application using Next.js, TypeScript, Mantine UI to overcome platform limitations and scale the application's capabilities.
- Implemented OAuth 2.0 authentication to automate and securely manage Salesforce API access tokens for seamless backend integration.
- Redesigned the user interface to provide an improved, intuitive experience, incorporating thoughtful layout planning and streamlined access to essential resources.
- Consolidated previously separate platforms by integrating the internal Google Site into the web app, creating a single, comprehensive tool for both the Master Plan and Individual Plan design teams.
- Architected the app to reuse community-wide data across individual lot designs, improving consistency and reducing repetitive data entry.
- Integrated AutoCAD export functionality using CSV and LISP files, enabling designers to automatically insert relevant data into their respective AutoCAD templates.
- Currently serving as the sole developer, actively expanding the app to incorporate APIs from structural and electrical teams to automate key calculations and improve end-to-end design workflows.
- Collaborating cross-functionally to align technical integration efforts with the specific needs and processes of the New Homes Design team.