Eric Swanson

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EDUCATION

Western Colorado University   Gunnison, CO
Bachelor of Science in Computer Science   *Sep. 2017 – May 2020*

SUNY Purchase College   Purchase, NY
Bachelor of Arts in Media and Communications   *Aug. 2010 – May 2014*

EXPERIENCE

Web Developer   October 2023 – Present
Blu Omega/ Booz Allen   *Washington, D.C.*
- Member of an agile team working for a federal client to rebuild the National Instute of Health's Heart, Lung, and Blood Association's Website
- Operate within an advanced devops framework that utilize Microsoft Azure cloud services and Docker containers
- Fixed bugs, upgraded components, built new features, and cleaned up legacy code resulting in a 15% reduction in total repository size
- Organized Sharepoint files and wrote technical documentation to clarify standard operating procedures which resulted in greater team cohesion and streamlined workflow

Full Stack Developer   Dec. 2022 – Oct. 2023
Spruce Technology, Inc   *New York, NY*
- Contributed as a valuable team member in the construction of Rebuilding California website for the California Transportation Department built using Node.js and Gatsby
- Designed and implemented a robust search component using Typesense
- Configured and integrated a headless CMS to allow control over static content
- Successfully migrated arcGIS Web Appbuilder widgets to Experience Builder
- Administrator of Delaware Bridge and Bay Authority website, Veterans Memorial Park, with an average daily visitor count of over 2,000 people
- Ensured the continuous maintenance and improvement of legacy code
- Developed new pages, components, and functionalities as per client requirements

Full Stack Engineer   June 2022 – Nov. 2022
Kitzuma Cycling Logistics   *Asheville, NC*
- Contributed to the development of company tools including operationalizing scripts for various internal processes to allow admin to interface with the data model behind the proprietary Transportation Management System software built on top of the Salesforce platform
- Built a redesigned company marketing website
- Improved various internal processes and made additions to data model
- The tools I helped build allowed the company's fleet of specialized Bicycle delivery vans to operate smoothly through a nationwide network of delivery locations under various lines of business

Web Developer   April 2021 – June 2022
Business Enterprise Institute   *Denver, CO*
- Performed data migrations and transpiled code for upgrading technology platform from Drupal version 7 to 9
- Managed HubSpot and other API integrations
- Optimized website performance and SEO scores using Lighthouse
- Ran security testing using Rapid7 AppSec software

Developer   Sep. 2020 – April 2021
Tiny Feet Climate Action Planning Toolkit   *Gunnison, CO*
- Lead developer on a team that included a Master's of Environmental Management student from Western Colorado University and a group of engineers from the Colorado School of Mines
- Worked in an agile, collaborative environment to receive design requirements, peer program, and test applications
- Built a full-stack web application using Python Flask which provided tools for small communities to develop a climate action plan
- Some of the tools include a map tool built with Google Maps API, various charts and graphs to visualize greenhouse gas data, and a web interface for providing planning recommendations chosen by a filtering algorithm

PROJECTS

Social Brain Contacts | *React Native Expo, Firebase,*   June 2022 – Present
- Solely developed Social Brain Contacts, a React Native mobile application relied on by 20+ users and downloaded over 200 times, enabling users to efficiently manage contacts and foster meaningful connections
- Implemented user-friendly interfaces, seamless navigation, and critical features for efficient contact management
- Spearheaded a successful beta campaign, coordinating user testing and feedback collection to enhance the app's functionality and user experience

Social Brain Network | *Next,js, Firebase, Github Actions, Cypress*   May 2021 – May 2022
- Solely developed Social Brain Network, a Social connection management system utilizing research in social brain theory. Functionality and UI modeled after Instagram.
- Features include image sharing feed, like and comment on posts, user profile, friend grouping tool, and 1-1 messaging
- Set up a CI/CD pipeline to incorporate E2E testing using Github Actions
- Designed and built mobile App version of the application for IOS and Android using react native

TECHNICAL SKILLS

Languages: Typescript, Node.js, Python, Apex, Salesforce LWC, MySQL, MongoDB, PostgreSQL, JSON
Frameworks: React, Vue.js, Gatsby, Expo, Flask, WordPress, Drupal, Tailwind, Bootstrap, SCSS, Salesforce
Technologies: REST APIs, JSON
Developer Tools: Git, Docker, AWS, Firebase, Azure

SECURITY CLEARANCE

Public Trust Clearance   United States Federal Government
Level: Public Trust   *Granted 2024*

CERTIFICATIONS

Google Analytics Certification – Google

IBM Network Security Database Vulnerabilities – IBM

Section 508 Awareness – Section508.gov

HOBBIES

Hiking, Biking, Yoga, FPV Drones, Photography