

Eric Swanson

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PROFESSIONAL SUMMARY

Experienced Web Developer with over 4 years of experience in developing scalable web applications and managing web content systems. Proficient in Drupal, PHP, JavaScript, HTML/CSS, and SQL/MySQL, with a strong background in Agile development environments. Committed to enhancing web functionalities and streamlining workflow processes through innovative development and integration solutions.

EDUCATION

Western Colorado University

Bachelor of Science in Computer Science

Gunnison, CO

Sep. 2017 – May 2020

SUNY Purchase College

Bachelor of Arts in Media and Communications

Purchase, NY

Aug. 2010 – May 2014

EXPERIENCE

Drupal Developer

Blu Omega/ Booz Allen

October 2023 – Present

Washington, D.C.

- Key agile team member for a federal client's rebuild of the National Institute of Health's Heart, Lung, and Blood Association's Website, where I enhanced project execution by clarifying user stories and technical requirements.
- Enhanced system performance by fixing bugs, upgrading components, and building new features within an advanced devops framework utilizing Microsoft Azure cloud services and Docker containers
- Cleaned up legacy code resulting in a 15% reduction in total repository size
- Organized Sharepoint files, aggregated company documents, and wrote technical documentation to clarify standard operating procedures which resulted in greater team cohesion and streamlined workflow

Full Stack Developer

Spruce Technology, Inc

Dec. 2022 – Oct. 2023

New York, NY

- 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 and developed new pages, components, and functionalities as per client requirements
- Contributed as a valuable team member in the construction of Rebuilding California website for the California Transportation Department
- 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

Full Stack Engineer

Kitzuma Cycling Logistics

June 2022 – Nov. 2022

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
- Improved internal processes and enhanced the data model, facilitating the smooth operation of the company's specialized bicycle delivery vans across a nationwide network.

Drupal Developer

Business Enterprise Institute

April 2021 – June 2022

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

Earthy Soul Living | *Wordpress, Elementor*

December 2023 – May 2024

- Collaborated with the client to gather requirements and build a user-friendly ecommerce platform using WordPress and Elementor, enhancing the client’s ability to independently manage and customize their site
- Designed and implemented a subscription-based model for video repository access, effectively boosting the website’s revenue generation capabilities
- Integrated advanced payment processing solutions to ensure secure and efficient transactions for the site’s ecommerce functions
- Provided ongoing technical support and training to empower the client with tools and knowledge for site maintenance and updates

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: PHP, Typescript, JavaScript, HTML, CSS, SCSS, SASS, Node.js, MySQL, PostgreSQL

Frameworks: React, Vue.js, Gatsby, WordPress, Drupal, JQuery, Bootstrap

Developer Tools: Git, Docker, AWS, Azure, Lando, DDEV,

Web Design and Accessibility: Figma, UI/UX Design Principles, Responsive Web Design, WCAG and Section 508 Accessibility Standards

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