

Damon Turcotte

WEB DEVELOPER

CONTACT


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 [Atagrave-Git](#)


TECHNOLOGIES


 HTML

 CSS


 SCSS


 JavaScript


 jQuery


 React

 Python


 Django

 PostgreSQL


 Auth0


 OpenID Connect

 NGINX

 Gunicorn

 Linux

 Bash

 GitHub Actions

PROFESSIONAL SUMMARY

Full stack web developer proficient in building both client and server-side web applications from the ground up, as well as deploying and maintaining them on cloud web servers and integrating them into network environments. Experience implementing distributed architectures such as microservices and service-oriented (SOA) with single sign-on (SSO) for enhanced scalability and user management. Strong drive and detail-oriented with excellent creative problem-solving skills, and fully committed to continuous improvement and growth as a developer.

PROJECTS

<https://turcotte.tech>

Portfolio & Content Management Application

React, JavaScript, Vite, SCSS client application. Several JavaScript client APIs. GitHub API integration. Auth0 token handling. Custom wiki-like project templates. Custom e-mail inbox. Animated.

<https://api.turcotte.tech>

RESTful API & Introspection Resource Server

Python, Django, Django Rest Framework and PostgreSQL back end. Configured to handle several data & media types. HS256 token decryption, verification, distribution and storage. Twilio SendGrid integration.

<https://echonetwork.app>

Social Media Platform & OIDC Single Sign-on Provider

jQuery, JavaScript and Django Template Language client. Python, Django and PostgreSQL back end. Auth0 and OpenID Connect authorization server. News API integration.

SKILLS

Front End

- DOM Manipulation
- Responsive Design
- CSS & JavaScript Animation
- JavaScript Events
- CRUD / AJAX
- API Integration
- State Management
- Client-side Routing

Back End

- Authentication & Authorization
- URL Routing & Mapping
- HTTP Request Handling
- Data Serialization
- Database Manipulation
- API Development
- Server-side Rendering
- SOA & Microservices

Operations

- Version Control
- SSH Communication
- Environment Management
- Bash & YAML Scripting
- WSGI Server Configuration
- Reverse Proxy Routing

TRAINING

Django 4 and Python Programming

Udemy, Jose Portilla

January 2023

Web Development Bootcamp

Udemy, Colt Steele

October 2022

Programming for Everybody (Python Specialization)

Coursera, University of Michigan, Dr. Charles Severance

July 2022