

Taylor D. Callsen

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Full stack developer with over 9 years of professional experience including:

- Creating websites and single-page applications using ReactJS and modern frontend tools/frameworks
- Performing database integration and REST API development in Java, Python, and Node.js
- Working with geospatial libraries (GDAL/OGR) and datasets (Shape, OSM, ESRI, WFS, etc.)
- Configuring production web servers and domain infrastructure in AWS and on-premise environments

WORK EXPERIENCE

Lead Developer, AEM (Schafer Condon Carter) | Chicago, IL / Remote | Aug 2017 to Apr 2020

- Built responsive websites for clients using HTML5, JavaScript, and CSS/SASS; sites included integration with Google Maps, analytics packages, tag managers, and content personalization libraries
- Developed backend Java modules responsible for data ingestion, cache invalidation, and REST APIs; maintained web form backend service built with AWS Lambda functions, DynamoDB, and Simple Email Service (SES)
- Coached junior developers and conducted code reviews prior to check-in; managed CI/CD solution for the development team using CircleCI and AWS Lambda functions
- Performed production deployments into RedHat/Linux and AWS environments

Software Engineer (Swoop Search LLC) | Madison, WI / Remote | Jan 2015 to May 2017

- Performed frontend web development in ReactJS environment with ES6 features; heavy integration with OpenLayers and Google Maps; utilized HTML5, JavaScript, and CSS in modern webpack-based workflow
- Performed backend web development in Python Django and Java Spring environments; created REST API endpoints, interacted with Postges/PostGIS databases, and sent/retrieved data from remote web services
- Used geospatial libraries in Python and Java to interact with GIS datasets including flat files (e.g. Shape, OSM XML, NITF/raster), relational databases (Postgres/PostGIS), and REST APIs (e.g. ESRI, OGC WFS/WMS)

Web Developer, AEM (Deloitte Consulting LLP) | Washington, DC / Remote | July 2010 to Jan 2015

- Performed front and backend development in support of AEM implementation with over 500 active users; worked directly with client and functional team-members to understand business needs when designing new features
- Created AEM templates and components using HTML5, JavaScript, and CSS; utilized Java/JSP to build backend templates and display dynamic content to users
- Developed backend Java modules to enforce custom workflows, create custom Sling Servlets, perform data migration tasks, and query data repository data using the AEM Query Builder API

AWARDS & CERTIFICATIONS

- **Adobe Certified Expert – Adobe Experience Manager (AEM) Sites Developer** – Nov 2019
- Received five performance recognition awards while employed at Deloitte Consulting LLP (July 2010 – Jan 2015)
- Graduated undergrad Cum Laude; received Outstanding Senior Award; present on Dean's List all semesters
- Studied abroad in Antwerp, Belgium; enrolled in history and business classes taught by European professors
- High School All-District Varsity Lettermen; received two Scholarly Athlete Awards