Tom Fafard

Full-Stack Developer

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Summary

Full-Stack Developer with 6 years of hands-on experience designing, developing, and implementing responsive solutions in an effort to support and enhance several large-scale application suites. Extensive experience with ColdFusion, Python, Django, REST APIs, Oracle, SQL Server, jQuery, ES6, HTML and CSS. Experience with other technologies including React, Vue, Postgres, and Docker.

API Focus:
- REST API Architecture
- ColdFusion 2018/2021
- Python 3 / Django 4
- Postman / ReadyAPI

Experience

Adobe ColdFusion Developer, *Guidehouse, Washington, DC (Remote)*   2021 - Present

    Description: Guidehouse is a global provider of consulting services for both public and commercial markets. My time was spent serving its Public Sector Financial Services' largest client, the US Small Business Administration (SBA). Experience maintaining and contributing to a large-scale loan processing application suite with thousands of active users.

    Responsibilities:
- Routinely developed, enhanced, and maintained SBA's CAFS application suite, built on ColdFusion 2018/2021, Oracle, HTML5, CSS3, jQuery, ES6
- Contributed to migration of the CAFS application to new framework, built on Vue, Django, ColdFusion 2021, Postgres, Docker
- Designed and developed set of internal REST APIs in ColdFusion 2021. These are accessed by Vue/Django front-end to gain access to business logic
- Wrote API documentation for both internal and external developers
- Routinely worked with DB admins to modify and integrate Oracle/Postgres stored procedures into the application code
- Experience working on multi-environment application (Development/Test/Staging/Production)
- Cross browser support, fixed compatibility issues (e.g. Chrome, Firefox, Edge)
- Ensure each page is section 508 compliant using WAVE browser extension
- Worked on Agile development team featuring daily stand-ups and 3-week sprints
- Utilized JIRA KANBAN board to track code changes for assigned stories
- Assisted Business Analysts in writing specs for newly developed features
- Demoed code changes to QA Testers, while assisting them in making sure code was user-ready
- Presented new features to stakeholders
- Tested both SOAP and REST API's using Postman, ReadyAPI, SOAPUI
- Wrote test XML and JSON to pass APIs
- Trained other developers on creation of REST APIs in ColdFusion
- Developed and maintained user-facing SOAP/REST APIs in ColdFusion 2018/2021 so lenders can perform loan actions without UI
- Maintained and contributed to internal Library of functions, validations, included by every application in the system
- Used GitHub Enterprise to create feature branches, develop changes, and merge into Development/Test environments
- Local development using CommandBox, VirtualBox, Windows Subsystem for Linux (WSL), Docker
- Assisted in conversion of application to use stateless sessions using REST API, Redis cache
- Used ColdFusion Administrator to set datasources, configure server, monitor logs, etc
- Advised/guided less experienced developers

- Used Microsoft Teams for day-to-day communication

Technologies: ColdFusion 2018/2021, Python, Django, Vue, HTML5, CSS3, jQuery 2/3, JavaScript(ES5/ES6), AJAX, API, XML, JSON, Oracle, Postgres, Stored Procedures, Redis, Library development, Stateless app design, ColdFusion Administrator, CommandBox, WSL, VirtualBox, Docker, GitHub Enterprise, Agile, Visual Studio Code, Postman, ReadyAPI, SOAPUI, JIRA, WAVE, 508, Teams, Sharepoint, Excel

Freelance ColdFusion Developer, *Self-Employed*   2020 – 2021

   Rand-Whitney Container, Worcester, MA

   Description: Rand-Whitney is a corrugated manufacturing company that is owned and operated by The Kraft Group. Experience working with remote teams to create web tools and solve corporate-level problems.

   Highlighted Project:

   Demo: https://tomfafard.com/coldfusion/pulpandpaper/pulpandpaper.cfm
   Code: https://github.com/webdev-tom/PricingHub
   Description: *Material cost tracking interface built using ColdFusion 11, CFC, HTML5, CSS3, Bootstrap4, jQuery, JavaScript(ES6), AJAX, HighCharts, DataTables, SQL Server.*

   Responsibilities:
   - Designed, developed, and implemented UIs using HTML5, CSS3, Bootstrap4, ColdFusion 11, CFC, jQuery 3, ES6, AJAX, JSON, SQL Server 2012, IntelliJ IDEA
   - Handled cross browser compatibility issues (e.g., Safari, Firefox)
   - Attended daily meetings using Zoom
   - Used Slack for day-to-day communication
   - Assisted in data translation and migration from acquired company to parent using Excel, SQL Server 2012
   - Created wireframes using Sketch, Figma
   - Used wireframes from Sketch, Figma, Photoshop to develop responsive websites using HTML5, CSS3, ES6, Sublime Text
   - Created and animated SVG using Pixelmator Pro, Keyshape, GSAP

   Technologies: ColdFusion 11, CFC, HTML5, CSS3, Bootstrap4, jQuery 3, JavaScript(ES6), AJAX, JSON, IntelliJ IDEA, Zoom, Slack, Excel, SQL Server 2012, Sketch, Figma, Photoshop, Sublime Text, SVG, Pixelmator Pro, Keyshape, GSAP

   F&M Tool and Plastics, Leominster, MA

   Description: F&M Tool and Plastics is a die tooling and plastics manufacturing company with a focus on consumer storage through Bella Storage Solutions. Experience analyzing and understanding internal ERP system and creating developer documentation.

   Responsibilities:
   - Wrote documentation and pseudocode for ColdFusion-based ERP system using IntelliJ IDEA, Excel

   Technologies: ColdFusion, SQL Server 2012, HTML5, CSS3, IntelliJ IDEA, Excel

ColdFusion Developer, *Carolina Container, Thomasville, NC*   2017 - 2019

   Description: Carolina Container is a corrugated manufacturing company primarily serving the East Coast. Experience leveraging ERP and CRM system data to create both UIs and reporting systems to solve problems found in shipping fleet, sales, accounting team, production floor, and nearly every other department in the company.

   Highlighted Projects:

   Demo: https://tomfafard.com/coldfusion/driverutilization/driverutil.cfm
   Code: https://github.com/webdev-tom/DriverUtilization
   Description: *Delivery fleet utilization reporting built using Verizon Fleetmatics API, ColdFusion 11, CFC, HTML5, CSS3, Bootstrap3, jQuery 3, JavaScript(ES5), AJAX, JSON, HighCharts, DataTables, SQL Server 2012, ColdFusion Report Builder.*

   Demo: https://tomfafard.com/coldfusion/ops/opsdash.cfm
   Code: https://github.com/webdev-tom/OperationsReport
   Description: *Dashboard featuring monthly manufacturing overview built using ColdFusion 11, CFC, HTML5, CSS3, Bootstrap3, jQuery 3, JavaScript(ES5), AJAX, JSON, HighCharts, SQL Server 2012, CFSpreadsheet.*

   Demo: https://tomfafard.com/coldfusion/PermissionsTable/
   Code: https://github.com/webdev-tom/PermissionsTable-ColdFusion

Description: User permissions editor built using ColdFusion 11, CFC, HTML5, CSS3, Bootstrap3, jQuery 3, JavaScript(ES5), AJAX, JSON, SQL Server 2012, Stored Procedures.

Responsibilities:
- Created dashboard UIs using HTML5, CSS3, Bootstrap3, jQuery 3, ES5, ColdFusion 11, SQL Server 2012, Stored procedures, Dreamweaver, IntelliJ IDEA
- Used HighCharts, JSON to implement interactive charts, graphs into UIs
- Using SQL Server, created and modified tables, added indices, and wrote queries to import data into RDBMS
- Backed-up, installed plugins, created PHP theme customizations, and performed updates to customer-facing Wordpress website
- Handled cross browser compatibility issues (e.g., Safari, Firefox)
- Used Verizon Fleetmatics API with SQL Server to capture and store truck driver location data
- Used Google Maps API with HTML5, CSS3, ColdFusion 11, SQL Server 2012, Dreamweaver to generate email alert each time delivery truck is within 15mi radius of distribution center
- Tested API's using Postman
- Added custom features to eCommerce web portal per customer requests using HTML5, CSS3, ColdFusion 9, jQuery 2, ES5, SQL Server 2008, Dreamweaver
- Implemented DataTables to allow for dynamic table structures with pagination, sorting, and direct data input to SQL database
- Utilized CFCs for OOP in ColdFusion
- Answered tech support requests via Spiceworks ticketing system
- Designed set of periodic emailed reports using ColdFusion Report Builder summarizing company fleet's overall utilization
- Created custom PNG graphics using Fireworks
- Used Slack for day-to-day communication
- Wrote scripts using ColdFusion 11 to generate Excel reports using CFSpreadhseet
- Wrote script using ColdFusion 10, SQL Server 2008 to notify Fulfillment that customer inventory has entered warehouse
- Installed and managed MDM profiles on truck driver iPads
- Assisted in managing JJ Keller e-logs on truck driver's devices
- Trained truck drivers to use KellerMobile electronic logging software

Technologies: ColdFusion 9/10/11, CFC, PHP, Angular5, HTML5, CSS3, Bootstrap3, jQuery 2/3, JavaScript(ES5/ES6), AJAX, JSON, CFSpreadsheet, SQL Server 2008/2012, Stored Procedures, HighCharts, DataTables, Verizon Fleetmatics API, Google Maps API, Dreamweaver, IntelliJ IDEA, Postman, Spiceworks, ColdFusion Report Builder, Fireworks, Slack, Excel, KellerMobile

Junior ColdFusion Developer, *Carolina Container, High Point, NC*   2017 – 2017
Responsibilities:
- Sole supporter of ColdFusion-based CRM. Diagnosed issues, provided fixes and new features using ColdFusion 10, SQL Server 2008
- Designed and developed dashboard interfaces using HTML5, CSS3, Bootstrap3, jQuery 3, AJAX, ES5, ColdFusion 11, SQL Server 2008, Dreamweaver
- Created training material using Photoshop for use of ColdFusion CRM
- Answered tech support requests via Spiceworks ticketing system
- Wrote documentation for in-house delivery tracking system using Pages, Photoshop
- Pulled logos from customer websites, added to their eCommerce portal after adjusting format using Fireworks
- Optimized ERP reporting. Created web-based UIs using HTML5, CSS3, ColdFusion 10, SQL Server 2008, Dreamweaver to common reports for faster data retrieval

Technologies: ColdFusion 10, HTML5, CSS3, Bootstrap3, jQuery 3, JavaScript(ES5), AJAX, SQL Server 2008, Dreamweaver, Spiceworks, Fireworks, Pages, Photoshop

Education

Meta Front-End Developer, *Coursera, Norwich CT*   2022 - 2022
Description: 4-week course focused on creating React-based websites using Bootstrap and Figma wireframes
Technologies: React, Figma, Bootstrap, HTML5, CSS, JavaScript (ES6), Git

Introduction to Angular 5, *Webucator, Worcester, MA*   2019 - 2019
Description: 5-day training course on the fundamentals of Angular 5 development. 40 hours total.
Technologies: Angular5, TypeScript, NPM, Angular CLI, SPA, WebStorm

CS50x, *LaunchCode, Providence, RI*   2016 - 2016
      Description: 8-week computer science course teaching the foundations of programming. 2-hour meetups each week.
      Technologies: C, PHP, JavaScript, SQL, HTML5, CSS3

Ruby on Rails Apprentice, *Launch Academy, Boston, MA*   2015 – 2016
      Description: 12-week Full-Stack Development bootcamp. Attended lectures from industry professionals and gained hands-on experience developing within teams. 60-80 hours/week.
      Highlighted Project:
            Demo: https://leadfinder.herokuapp.com
            Code: https://github.com/webdev-tom/lead_finder
            Description: Sales lead database with user authentication built using Ruby, Rails 4, jQuery 3, HTML5, CSS3, PostgreSQL
      Technologies: Ruby, Rails, ActiveRecord, Sinatra, OOP, MVC, AJAX, API, JavaScript, jQuery, JSON, PostgreSQL, HTML5, CSS3, Foundation, Agile, GitHub, Heroku, CI/CD, TDD

Computer Science, *Quinsigamond Community College, Worcester, MA*   2014 - 2015
      Description: 1 year of classes completed toward Computer Science major.
      Technologies: C, Java, NetBeans