Scott Harvey

Senior Software Developer Specializing in Full Stack JavaScript and ColdFusion
(202) 744-5379 | scott.harvey@outlook.com | https://portfolio.scottharvey.dev

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SUMMARY

Software developer with over fifteen years of experience building, maintaining, and enhancing applications that improve and automate business processes for organizations including the U.S. Air Force, Environmental Protection Agency, National Institutes of Health, and the Association of American Medical Colleges. I strive to enhance usability and efficiency while maintaining coding and development standards.

- Adobe Certified Expert in ColdFusion
- Eligible for Security Clearance

SKILLS

Languages: JavaScript: Vanilla, jQuery, React (Next), JSX, Node (Express) | ColdFusion | PHP

HTML | CSS | Bootstrap | XML

Databases: MS SQL Server | Oracle | MongoDB | MySQL

Tools: *Management:* Jira | Slack | HubSpot CMS

IDEs: Visual Studio Code | Brackets

DevOps: GitHub | Subversion | TortoiseSVN | Bamboo

Prototyping and Design: Balsamiq

Troubleshooting: Splunk

WORK EXPERIENCE

Freelance Developer   2019 — present

Providing on- and off-site database and web development support for client projects.

MS SQL Server | HubSpot CMS | CSS

Projects include:
- **Noble Technologies, Inc.:** Performing routine data management tasks, including database backups, data loads, data validation, and report writing. Assisting with database design and modeling, stored procedure writing, and interface support.
- **Agency Q**: Working with content and marketing team as a HubSpot CMS developer to create new, responsive modules for websites. Staging new modules for approval prior to moving modules to production. New modules include featured blog posts, client testimonials, an image rotator retrieving data from HubDB database queries, and more.

American Association of Medical Colleges (AAMC)   2016 — 2018
Senior Software Engineer

Developing and maintaining survey and reporting tools serving association members, including medical schools, students, and faculty.

ColdFusion | Oracle | HTML | JavaScript | CSS

Providing software design, coding, testing, implementation, documentation, and maintenance on a team of 2 developers, a business analyst, a quality assurance specialist, and a project manager. Performing data analysis, research, and ad hoc reporting according to client needs.

Projects included:

- Development Survey: Reporting on fundraising efforts for member institutions.
- Faculty Salary Survey: Reporting on faculty salaries for member institutions.
- GME Track: Reporting on postgraduate education for medical school graduates.
- Student Record System: Tracking students from matriculation to graduation for AAMC.

Solution Technology Systems, Inc. (STSI)   2015 — 2016
Senior Software Developer

Developing and maintaining Personal Security System, an automated workflow application that initiates, tracks, and manages background investigations for all Environmental Protection Agency personnel.

ColdFusion | Oracle | HTML | JavaScript | CSS

- Providing software design, information architecture, coding, testing, implementation, documentation, and maintenance on a team of 3 developers, 6 analysts, and a project manager.
- Analyzing, coding, testing, and deploying 40+ change requests to production code, using CMMI processes.
- Identifying business and technical solutions to enable the EPA to optimize business performance.

Council for Logistics Research (CLR)   2003 — 2014
Senior Web Developer

Developing and maintaining software for CLR and its clients including the US Air Force.

ColdFusion | MS SQL Server | HTML | JavaScript | CSS

Developing *The Eye*, a robust browser-based enterprise resource planning (ERP) application that automates CLR's business and personnel processes, including:

- Translating business needs into functional requirements and specifications.
- Automating processes that were previously done with pen and paper including expense reports, purchase orders, purchase requisitions, performance reviews, training requests, time entry and attendance, while adhering to DCAA regulations.
- Consolidating multiple data sources into a single, secure repository for streamlined reporting.

Designing, developing, and implementing software applications for the U.S. Air Force and other CLR clients.

- Enterprise Resource Planning (ERP) software
- Event registration and evaluation software
- Content management software, including role-based security, maintenance, and search
- Custom web-based surveys with functionality for branching, download, and analysis
- Resume and skill set tracking system

Supporting internal staff with technical solutions to increase efficiency and achieve business goals such as adding functionality for versioning, editing, and review to the website content management tool.

- Implementing coding standards for 2-person software development team.
- Managing and mentoring junior developer with software best practices and emerging technologies.

AgencyQ

Freelance Web Developer   2006 — 2013

Developing and maintaining software for clients of the company.

ColdFusion | Oracle | HTML | JavaScript

- ***National Institutes of Health (NIH), 2009 – 2013:*** Maintaining and developing new functionality for the National Institute on Drug Abuse division's report-creation tool Jennica.
- ***Best Cellars, 2007:*** Completing an e-commerce migration.

Capital Markets Technology Inc. 2002 — 2003
Web Application Developer

Migrating portions of a client-server intranet from Visual Basic to the browser.

ColdFusion | MS SQL Server | HTML | JavaScript

Q Industries 1999 — 2002
Web Developer

EDUCATION, TRAINING, AND CERTIFICATIONS

- **Full Stack Web Developer Certificate**, Hyperion Dev, January 2020
- **Certified Expert in ColdFusion**, Adobe, November 2008
- Fast Track to ColdFusion 2000 and Advanced ColdFusion 8 Development, Fig Leaf Software, 2008
- Intro to Graphic Design, Corcoran College of Art and Design, 2007
- Hands-On IT Project Management, Project Management Institute, 2005
- Carnegie Mellon University, Mellon College of Sciences, 1992 – 1995