Daniel P. Kelly

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Skilled software engineering leader with a desire to use web development talents in a creative manner working with a dynamic team to solve challenging technical problems confronting the public sector.

Professional Experience

Defense Contract Management Agency (DCMA): Jun 2009 - Present   Littleton, CO
  Supported the agency in various positions over 13+ years: First Line Supervisor, Facility Software Lead, Program Software Lead, Western Region Software Specialist, Software Engineer, Special Programs
  - Performed supervisory duties for multiple Software and Systems Engineering teams which perform surveillance on 9 major DoD and NASA programs.
  - Led 15 software professionals as the Contract Management Office's (CMO) Software Process Owner.
  - Developed a standardized software surveillance process in collaboration with program office customers that increased employee efficiency and ensured the team focused on high risk items.
  - Developed and led the Contractor Process Health Pilot Program covering 21 DCMA offices across the western United States, and conducted 2 Site Assist Visits (SAVs).
  - Led the software surveillance team on the Evolved Expendable Launch Vehicle and GPS III programs through 61 successful Atlas V, Delta II, & Delta IV launches and accepted flight software updates for the government.
  - Led government test and evaluation activities for the Surveillance Reconnaissance - Distributed Common Ground System program.
  - Graduated in Lockheed Martin Denver's (LMD) first cohort of the Leadership Development Program in Feb 2022, including a capstone project titled "The 7 Habits of Star Wars".
  - Received multiple awards for mentoring and coaching software team members, including the 2018 LMD Mentoring Award.

US Army - Biometrics Task Force (BTF): Jan 2006 - May 2009   Clarksburg, WV
  Computer Scientist
  - Government Lead for the BTF's Software Engineering and Web Services Teams which provided services to internal and external customers, including base commanders during the Gulf War.
  - Full Stack Software Developer in a Microsoft Development Environment using ASP.NET, C# and MS SQL Server
  - Communicated with the customer throughout the lifecycle to ensure the documentation and software were correct.

US Army - Communications Security Logistics Activity (CSLA): Jan 2003 - Jan 2006   Fort Huachuca, AZ
  Computer Scientist
  - Government Lead for the CSLA Intranet Project
  - Full Stack Software Developer in a Microsoft Development Environment using ASP.NET, C# and MS SQL Server

Missouri Office of Administration: Aug 2002 - Jan 2003   Jefferson City, MO
  Computer Information Technologist I
  - Web Development (ASP 3.0 & VBScript)
  - Developed a voting website for the state of Missouri to select its statehood quarter

Education

University of Denver (in progress – will graduate in December 2022)
- Certificate program in Full Stack Web Development
- Project #1: Powder-Bound (https://dpk5e7.github.io/powder-bound/)
  - Website for snow enthusiasts to plan their Colorado ski trips using JavaScript, jQuery, RESTful APIs, Leaflet, and SNOTEL data from the Department of Agriculture.
- Project #2: evRoute (https://dpk5e7-evroute.herokuapp.com/)
  - Website to assist Electric Vehicle owners in planning long-distance trips using Node.js, Express.js, MySQL, Sequelize, MapBox, and the Alternative Fuels Stations and Vehicles APIs from the Department of Energy's Alternative Fuel Data Center.
- Project #3 will be a progressive web application using React, GraphQL, MongoDB, Mongoose, and JSON Web Tokens.

University of West Virginia (Graduated August 2010)
- Masters in Software Engineering

University of Missouri-Columbia (Graduated May 2002)
- Bachelors of Science in Computer Engineering
- Bachelors of Science in Computer Science
- Minor: Mathematics

Certifications

- Defense Acquisition Workforce Improvement Act (DAWIA)
  - Practitioner: Engineering & Technical Management; Date Certified: Feb 1, 2022
  - Foundational: Test and Evaluation; Date Certified: Feb 1, 2022
- DCMA
  - Software Professional Development Program (SPDP); Date Certified: Sep 22, 2010
- Learning Tree International
  - C# Application Development Certified Professional; Date Certified: May 5, 2004
  - Visual Basic .NET Programming Certified Professional; Date Certified: May 5, 2004

Publication

- "Logic Devices for Partitioned Quantum-Dot Cells" presented at the First IEEE Conference on Nanotechnology, Oct 30, 2001 and published in the conference proceedings.

Community Involvement

- Foothills Park & Recreation District: Youth Baseball Coach, Apr 2014 - Jun 2021
- St. Mary's Catholic School: Youth Baseball Coach, Mar 2022 - May 2022
- FIRST Lego League (FLL): FLL Jr. Coach, FLL Coach, FLL Judge, Jan 2016 - Nov 2021