David Nelson
Full Stack Developer

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Education

University of Idaho
Bachelor of Science: Chemical Engineering

1979 - 1983

Master of Science: Chemical Engineering

1983 - 1985

University of Massachusetts
PhD: Chemical Engineering

1986 - 1989

Skills

Front End UI
Javascript, TypeScript, HTML, CSS, Angular, Bootstrap, Node

Server and Desktop
Visual Basic, Fortran, Windows Microsoft Server, C#

Cloud
Amazon Web Services, Microsoft Azure, Github

About

David is happily married and has two adult daughters with whom he shares a love of rafting and the outdoors. He is involved in many volunteer activities, including Rotary Youth Exchange for District 5080, Latah County Democrats (Chair, 2008 - 2015), and the Moscow Food Co-op (Boardmember, 2016 - Present).

Work Experience

KBC, A Yokogawa Company
Fellow and Vice President of Developement for Soteica Visual MESA

2016 - 2018

At KBC, David was in charge of development for the Soteica Visual Mesa software group. There, he successfully lead the team in migrating Visual MESA to an Angular and Bootstrap based HTML front end.

Soteica Visual MESA LLC
Chief Technology Officer

2012 - 2016

David was the primary architect and lead developer of Visual MESA, the flagship energy management product of Soteica Visual MESA, LLC. Soteica Visual MESA, LLC provides software to manage energy use in real-time to oil refiners, chemical manufacturers, ethanol plants and district energy installations. Customers include ExxonMobil, Chevron, Repsol, BP, Shell, Ineos and the Texas Medical Center.

Visual MESA LLC and Nelson & Roseme, Inc.
Owner and Managing Partner

1997 - 2006

David founded Nelson & Roseme in 1997 with the purpose of building and deploying the Visual Mesa energy management package. In 2006, hebecame managing partner of its successor Company Visual Mesa LLC.

Chevron Research & Technology
Senior Process Engineer, Energy Management Team

1989 - 1996

David started his career at Chevron Research & Technology as part of their Energy Management Team and Advanced Computing Team. Later, as part of the Energy Management team, he developed G2/Mesa (the predecessor of Visual Mesa) and helped deploy it to all major Chevron refineries.