

SUMMARY RESUME

Douglas P. Kent

[Cover Letter](#)
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SKILLS

Full stack development of enterprise-scale web sites, specializing in Single Page Applications using a Service Oriented Architecture.

Languages and Frameworks: [ASP.NET Core](#), [Aurelia](#), [WebAPI](#), [MVC](#), C#, Razor, [Typescript](#), JavaScript, T-SQL, [Entity Framework Core](#), [JQuery](#), [Bootstrap](#), HTML, XML, CSS

Tools: [Visual Studio](#), [Visual Studio Code](#), [TFS](#), [GitHub](#), [NPM](#), [Webpack](#), [JSPM](#), [SystemJs](#), [Moq](#), XUnit, MSTest, NUnit, Agile methodologies

Platforms: Microsoft Windows, Linux, Blockchain

SELECTED ACCOMPLISHMENTS

- In an enterprise website environment, saved a project in jeopardy of missing its deadline. Took the counter-intuitive and risky step of dropping the participating India team from 7 to 3.
- In an enterprise website environment, while meeting an urgent deadline, single-handedly implemented a system for handling mission-critical SMS messages. The architecture spanned a web site, three web services, two windows services, and two Sql Server databases.
- At Microsoft, led a multi-disciplinary development team of 7 software engineers plus writers and graphic designers to produce a multimedia CD-ROM title for Windows. Delivered on time, meeting all quality goals.
- Led development of an application that won a 'Windows 100' award from Windows Magazine.
- At Microsoft, incorporated the new technology of OLE 1.0 into Windows Write. OLE was a highly visible and strategic initiative of interest at the highest levels in Microsoft.

- For a Fortune 4 company (Ford), designed, wrote, and delivering ahead of schedule code that served content to every page of the company's flagship website (Ford.com).
 - On a Microsoft project whose development lead and content developer each unexpectedly and simultaneously departed, took the initiative to undertake some of each person's responsibilities, keeping the project on schedule and leading it to a successful market release.
 - Wrote a multi-dimensional data visualization application that was adopted by a major statistical software company (SAS Institute).
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EMPLOYMENT HISTORY

Following have been for paying employers and clients. Please check also numerous web application development projects on the [Self-Employed Employment History](#) page. You may click the company name to find details on the [Detailed Employment History](#) page.

VIVALIA -- June 2016 to present

Senior Lead Web Application Developer

Under contract, developed website to facilitate order management between Vivalia and its customers.

DICOM TRANSPORTATION GROUP -- Feb 2017 to Apr 2017

Senior Web Application Developer

Under contract, fixed bugs and developed new features for an internal web application.

GE HEALTHCARE -- 2015 to 2016

Senior Lead Web Application Developer

Under part-time contract, developed web server components for an enterprise web site and automated data service.

PSP INVESTMENTS -- 2014 to 2015

Senior Lead Web Application Developer

Under contract, as a member of the PSP business intelligence (BI) analytics group, single-handedly developed successful websites for use by other departments within PSP.

REVIONICS -- 2011 to 2013

Senior Web Application Developer

Lead an offshore development team and participated in an Agile Scrum environment in the architecture and development of portions of a complex enterprise-scale, customer-facing web application.

SHIFTWISE -- 2003 to 2011

Lead Developer, Manager Partner Integrations

Performed a lead role in an Agile Scrum environment in coding a complex enterprise-scale, customer-facing web application and associated automated web service interface.

TEXAS TURNPIKE AUTHORITY -- 2003

Web Application Developer

Using ASP.NET, implemented main 'dashboard' web page and site-wide security code.

SCHLUMBERGER/CINGULAR WIRELESS -- 2002 and 2003

Application Developer

*Enhanced a **Java Swing** application that enables users to display and edit data contained on **Smart Cards**.*

TRILOGY -- 1998 to 2001

Software Engineer

Developed software for Ford.com, carOrder.com websites; wrote custom applications for IBM and Trilogy.

IMAGEN COMMUNICATIONS, INC. -- 1996 to 1998

Product Manager, Software Engineer

Designed and developed NT Paymaster, a billing application for ISPs.

BIOMONITORS, LTD. -- 1997

Development Lead, Software Engineer (Contract)

Ported from DOS to Windows 95 MindMirror, an application that displays real-time electroencephalograph data in a GUI application.

MICROSOFT CORPORATION -- 1996

Development Manager, Software Engineer (Contract)

Led team in developing Reader's Digest Complete Do-It-Yourself Guide. Developed software for Encarta '97 and Julia Child's Home Cooking With Master Chefs.

ASYMETRIX CORPORATION -- 1992 to 1994

Software Engineer (Contract)

Developed software for Toolbook 3.0 and multimedia screensavers (Jurassic Park, et. al.).

MICROSOFT CORPORATION -- 1991 to 1992

Software Engineer (Contract)

On the Windows 3.1 team, developed software for File Manager, Packager, Paintbrush, Cardfile, and others.

MOUTHING FLOWERS, INC. -- 1990 to 1995

President, CEO, Director of Development, and Chief Programmer

For the NEXTSTEP platform, designed and wrote TimeFlies , designed and implemented a 3D graphics API, and wrote the SwoopnPrint "service" application.

CONNECTSOFT CORPORATION -- 1989 to 1990

Vice President of Applications Development

Managed development efforts; developed software for Clip-Art Window Shopper, an early electronic clip-art distribution application, and Presto 3D, a 3D CAD application.

UNIVERSITY OF NORTH CAROLINA -- 1988 to 1999

Software Engineer (Contract)

For EGA/VGA graphics hardware, developed code that reproduces PGA 3D and 2D graphics hardware commands.

DUPONT DESIGN TECHNOLOGIES, INC. -- 1988

Software Engineer

Developed object-oriented, resolution-independent 2D graphics code, including airbrushes, framebuffer manager, and graphics hardware emulator.

SAS INSTITUTE INC. -- 1986 to 1987

Software Engineer (Contract)

Ported Visuals (see UNC below) to the SAS Graphical User Interface System.

UNIVERSITY OF NORTH CAROLINA -- 1986

Systems Engineer (Contract)

Assembled a local area network (LAN) and a system to digitize and manipulate video microscopic images for display in medical school classroom lab sessions.

UNIVERSITY OF NORTH CAROLINA -- 1985 to 1986

Software Engineer (Contract)

Wrote Visuals, an application that uses interactive 3D graphics animation to reveal meaning in multidimensional statistical data.

PACIFIC ENVIRONMENTAL SERVICES, INC. -- 1980 to 1982

Associate Public Policy Analyst

Conducted regulatory technical analyses, managed preparation of technical business proposals, managed a waste brokerage program.

EDUCATION HISTORY

Continuing Education in Computer Graphics, 1983-85, [University of North Carolina](#), Chapel Hill, N.C. *Studied under Turner Whitted and Henry Fuchs.*

M.A. Public Policy Sciences, 1980, [Duke University Institute for Policy Sciences and Public Affairs](#), Durham, N.C. *Specialized in risk assessment and decision analysis, particularly with regard to national energy policy.*

M.E.M. Environmental Management, 1980, [Duke University School of Forestry and Environmental Sciences](#), Durham, N.C. *Specialized in ecological science; Master's project analyzed Maine's Spruce Budworm policy.*

B.S. Botanical Science, 1977, [Miami University of Ohio](#). *Specialized in genetics and alpine ecology.*

PUBLICATIONS AND PAPERS

Thirteen publications on subjects including visualization of multidimensional statistical data, air quality control, third world population migration patterns, and enrollment patterns in higher education.

You can find a complete listing of all publications and papers at:
<http://www.douglaskent.com/techresume/publications.htm>

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