David B. Davis

1208 3rd Ave NE, apt#303
Owatonna, MN 55060
(507) 330 5023
Email: dbdavis256@gmail.com

Objective: Full-Time Software Development Role

Summary:

Twenty-one years software engineering experience
Responsible for implementing global voice over IP network
Two years college engineering experience with a 3.91 GPA
Multiple corporate certifications

Technical Skills:

Languages: C#, C++, Objective C, Javascript, SQL, Java, Visual Basic, PHP, HTML + CSS
Concepts: Object Oriented Programming, Web Development, Linux and Windows Administration
Certifications: Sun certified Java programmer, MCSE certified, Cisco CCNA, Microsoft Certified Web Applications Developer

Experience:

Senior Software Developer
October 2021 - June 2025
Overland Sheepskin Co., Inc., Fairfield, Iowa

- Development of a retail shopping site www.overland.com with Asp.net. Full-Stack web development with responsive design, animation, cross platform testing and optimization, security, SQL stored procedures, GitHub Copilot
- Ensured accessibility compliance according to WCAG 2.2 guidelines including: aria roles and attributes, color contrast, keyboard navigation and focus state, accessible forms, optimization for screen reader announcements
- Integrated third party marketing, data privacy, and other ecommerce services using a large number of partners such as Facebook, Google, Applepay, Palpal, Emergepay, and many others. Major version updates for google analytics and other software
- Prevented copyright infringement which had caused significant impact, using Cloudflare to proxy, cache, and lock high resolution images served by Adobe Dynamic Media
- Development of product management tools using Angular

Senior Software Developer
August 2011 - September 2021
Genetic ID NA, Inc., Fairfield, Iowa

- Development of the SupplyTrak engine using Asp.net Web Forms, Entity Framework, MVC and Dynamic Data. This engine supports multiple supply chain compliance applications with customers in almost every country.
- Database integration from a variety of sources including an ODBC driver for FileMaker written in C++, other SOAP and JSON web services
- Web Development with WordPress and Kentico, an Asp.net based CMS: www.fastidkit.com, www.gmotesting.com, www.cert-id.com, www.cert-id.eu, www.foodchainadvisors.eu, www.globalworkplacesafety.com, www.genetic-id.com
- Payment processing, SEO, design, major version upgrades, user and developer training, custom menus, chat with customer service and other custom features on Kentico CMS
- Installed and configured Windows Server 2012 with IIS, SSL encryption, and SQL Server on production and development web servers
- Interviewed and trained new employees

Senior Software Developer
April 2010 – August 2011
Iowa Golden Data, Inc., Fairfield, Iowa

- Development of ZBot 3D. A highly rated (solid 5 star) action game for Apple iOS developed using OpenGL ES, Objective-C, and C++. Features include sophisticated 3D physics, innovative gameplay, and peer-to-peer multiplayer. Further details at http://www.ZBot3D.com/

- Development of Java applications for Android OS using Eclipse. Released Asteroid Death (http://asteroiddeath.com) on the Android Market which has been rated well and received 6000+ downloads.

Senior Software Developer
August 2010 – December 2010
Miller Associates Inc., Fairfield, Iowa
- Verification of a medical application ("Advanced RCC Prognosis" by Pfizer) for Apple iOS using UI Automation FrameWork for iPhone. Found bugs that would have an impact on patient life expectancy prognoses.
- Verification of medical web applications using python and javascript.

Mobile Software Developer
December 2008 – October 2009
Independent
- Research and Development of iPhone software
- Created a unique music application for iOS

Senior Software Developer
March 2007 – Jan 2010
The Trane Company, White Bear Lake, MN
- Development of enterprise business intelligence applications using SQL server 2005 and Microsoft Office. Created an application that became a primary measure of pricing impact.
- Developed a suite of forecasting applications using SAS and Microsoft Office.
- Development of SQL reports for analysis and validation. Discovered and solved major issues in a web based enterprise analysis system allowing it to go live.
- Development of costing tools for global enterprise systems using C#
- Migration of business data systems from Microsoft Access to Microsoft SQL Server using its integration, analysis, and reporting services capabilities integrated with SharePoint and Oracle.
- Development of a business metrics reporting system using MDX that was declared impossible by a competing team of java developers including PhDs. That team was quickly able to produce a similar system after receiving suggestions and MDX code.

Web Developer
January 2006 – February 2007
State ISP, Ottumwa, IA
- Programming and design of stateisp.net web portal system including online bill payment, signup for service, customer administration, marketing systems, tourism photo galleries, and other services using LAMP technologies (Linux, Apache, MySQL, PHP)
- Integration of billing systems and network provider APIs with Java
- Configuration and administration of Linux and BSD Network Servers
- Design and programming of a commercial class reunion hosting site.

Web Developer
September 2006 - October 2006
Comprehensive Life Settlements Agency, Hoffman Estates, Illinois
- Design and development of a CMS to meet customer requirements.
- Integration of Adobe PDF documents with PHP using SOAP for live logging of customer data
- http://www.life-settlements-directory.com/ generating business leads

Web Developer
June 2002 - October 2002
Frontline Printing & Design, Fairfield, IA
- Code development for www.frontlineprinting.com including pricing estimates and user accounts
- Desktop support
- Network Security

Software Engineer
January 2000 – April 2002
Coolcall.com, Fairfield, IA

- Designed and managed data networking for VOIP Points of Presence in Spain, Greece, Senegal, Malaysia, New Jersey, and other locations
- Spent two weeks at our voice gateway vendor's company headquarters in Silicon Valley developing a significant feature (using C++) which soon shipped with their product (bringing 60k in consulting dollars to Coolcall)
- Lead seminars and training of experienced developers on topics such as regular expressions and server-side web development
- Lead design, implementation, and integration of critical business systems such as billing and provisioning
- Development of middleware, miscellaneous tools, fault-tolerant multiprocess server applications

Education: <u>January 2003 - January 2005</u>
University of Iowa, Iowa City, IA
Major: Biomedical Engineering
G.P.A.: 3.91/4.00

References available on request