

DEREK MCKEE

Web Developer | Wilmington, NC

<https://www.derekwmckee.com>

ABOUT

Reliable senior web developer with over 15 years of experience delivering web and data solutions to small and medium sized businesses, startups, and government. Seeking a leading role on a team that values quality, accountability, and integrity.

Strengths in server-side programming, systems analysis, and data management

Adept at constructing large mental models needed for solving complex problems

Excels at refactoring legacy code for performance, security, and readability

Leverages AI agents to amplify workflow and code review

Works effectively independently, communicates well, amicable disposition

SKILLS

> 10 Years Experience

PHP, MySQL, Linux, Apache (LAMP stack)

HTML, CSS, JavaScript, jQuery

Data Analysis, Database Design, Reporting

Git Version Control

< 5 Years Experience

Node, React, Express, CouchDB (Fullstack JavaScript)

C#, VB, MSSQL, T-SQL, ASP.NET, IIS, TFS (Microsoft stack)

SQL Server Reporting Services (SSRS), SharePoint, Access

Claude Code (AI agentic coding)

EXPERIENCE

Queensboro Sr. Web Developer Wilmington, NC	<i>Aug 2020 - Present</i>
Maintained software systems for B2B e-commerce company with \$20M+/yr sales	
Led project to create multi-vendor purchase order sending and receiving system	
Integrated several 3rd-party API's, including sales tax and chat bot	
Secured many in-house APIs and web services with HMAC authentication	
Migrated composite primary key database tables from MyISAM to InnoDB	
Designed interview questionnaire and helped mentor junior developers	
Nicknamed "The Surgeon" for ability to safely refactor large amounts of code	

PEC360 Web Developer Charleston, SC	<i>Feb 2017 - Oct 2020</i>
Fixed appointment reminder software product offering and saved client	
Maintained legacy personal healthcare management web application	
Developed website to view and analyze real-time patient response data	
Refactored several database stored procedures to application layer	
Drastically reduced error rates and improved program performance	

Garuda Crafts Web Developer Charleston, SC	<i>Aug 2011 - Present</i>
Provided freelance services to individuals, businesses, and startups	
Founded, developed, and operated 4 SaaS internet ventures	
Created over 40 new websites and worked on over 100 projects	
Developed 12 commercial open source e-commerce software extensions	

Imagine One Jr. Engineer Charleston, SC	<i>Jun 2010 - Aug 2011</i>
Provided data and software solutions to DoD at SPAWAR SSC-LANT	
Developed dynamic interactive reports for tracking project requirements	
Developed Java applet to transfer and report on bug tracking data	
Maintained Secret security clearance	

Neil Pryde Design Center Office Manager Kahului, HI	<i>Sep 2008 - May 2010</i>
Developed software for management of inventory and equipment testing	
Assisted development of prototypes, purchase ordering, and office operations	
Maintained office computers, plotter/cutter, and sewing machines	

SC Department Of Insurance Actuary Assistant Charleston, SC	<i>Jul 2007 - Sep 2008</i>
Created Special Purpose Financial Captive (SPFC) application process	
Collected, analyzed, and reported on Wind Pool insurance data	
Reviewed, analyzed, and reported on credit insurance rates	
Reported directly to Deputy Director of Actuarial Services	

Benefitfocus Data Analyst Charleston, SC	<i>Jan 2005 - Oct 2006</i>
Extracted, transmitted, and reconciled daily EDI transmissions	
Solved data discrepancy problems with health insurance industry clients	
Improved data reconciliation process and reduced error rates by 60%	
Received "Client Turnaround" and "Best Overall Attitude" awards	

PROJECTS

Tipalink.com, Inc. Founder Charleston, SC	<i>Jun 2019 - Jul 2020</i>
Developed website, API, plugin, and browser extension for tipping web pages	
Completed startup business accelerator program with Harbor Entrepreneur Center	
Created business plan, incorporated, and pitched to investors	
Managed operations, integrations, social media, and presented at events	

SurfersList.com Founder Charleston, SC	<i>Mar 2015 - Jul 2019</i>
Developed P2P marketplace and classified ads platform for surfs and surf shops	
Grew to over 100 members and more than 6K+ surf equipment listings	
Managed operations, memberships, and social media	

CharlestonArtShop.com, LLC Founder Charleston, SC	<i>Jun 2012 - Aug 2014</i>
Developed P2P marketplace platform for local artists	
Grew to over 100 members and more than 2K+ artwork listings	
Managed operations, sales, marketing, social media, and hosted events	

EstateEvaluate.com Co-Founder Charleston, SC	<i>Dec 2011 - May 2012</i>
Developed asset and project management web application for estate managers	
Created business plan and pitched to local business leaders	

EDUCATION

JRS Coding School | Charleston, SC*Oct - Dec 2016*

Completed 14-week intensive course on full-stack JavaScript development

Program certified by the South Carolina Department of Education

College Of Charleston | Charleston, SC*Jan - Dec 2007*

Accomplished graduate study coursework in Mathematics

Operations Research, Numerical Analysis, Stochastic Processes, Statistics

Abstract Algebra, Linear Algebra, Group Representation Theory

Vanderbilt University | Nashville, TN*Aug 1999 - May 2003*

BS Engineering Science with a concentration in Management of Technology

Double-major in Mathematics, minor in Physics

Studied abroad at University of Canterbury, Christchurch, New Zealand

Graduated Summa Cum Laude with 3.777/4.000 GPA