

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

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

EXPERIENCE

Queensboro | Sr. Web Developer | Wilmington, NC *Aug 2020 - Present*

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 *Feb 2017 - Oct 2020*

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 *Aug 2011 - Present*

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*Jun 2010 - Aug 2011*

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*Sep 2008 - May 2010*

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*Jul 2007 - Sep 2008*

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*Jan 2005 - Oct 2006*

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

Jun 2019 - Jul 2020

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 inventors

Managed operations, integrations, social media, and presented at events

SurfersList.com | Founder | Charleston, SC

Mar 2015 - Jul 2019

Developed P2P marketplace and classified ads platform for surfers 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

Jun 2012 - Aug 2014

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

Dec 2011 - May 2012

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