

Sean Paul Payne Dinwiddie

Front End Developer

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Professional Summary

Innovative Front End Developer with over 20 years of experience in web and software architecture and development. Specializes in creating scalable, user-centric digital solutions using cutting-edge technologies. Proven track record of leveraging state management techniques and functional programming architecture to drive application performance and enhance developer experiences. React Native and Redux Toolkit expert.

Work Experience

Full Stack Developer @ Redding Webmaster

Apr 2019 - Present

- Integrated Redux Toolkit for state management, reducing frontend bugs by 60% and improving development efficiency
- Re-architected a scalable member portal, resulting in a 40% increase in user engagement and a 25% reduction in support tickets
- Created an intuitive custom analytics dashboard designed specifically for executive-level insights, enhancing overall decision-making efficiency by 35% and enabling teams to respond faster to market changes as measured in project timelines
- Optimized database schemas, reducing query times by 50% and improving overall application performance
- Engineered RESTful APIs that increased third-party integrations, expanding the platform's ecosystem
- Led a team of developers in adopting Agile methodologies, increasing sprint velocity
- Leveraged data science and machine learning to drive business insights
- Facilitated cross-functional team meetings to enhance communication and collaboration, leading to a 30% increase in project delivery speed
- Identified and resolved critical performance bottlenecks, enhancing application speed and reliability

Full Stack Developer @ ENPLAN

Oct 2018 - Mar 2019

- Designed and constructed custom applications for geospatial data visualization, increasing client map interaction by 200%
- Optimized the backend using Django, which decreased page load times, enabling a smoother user experience and allowing real-time data updates
- Communicated complex technical concepts to non-technical stakeholders, improving project understanding and alignment
- Resolved data integration issues, ensuring seamless data flow between systems

Web Developer @ Shasta.com

Nov 2017 - Aug 2018

- Spearheaded the migration of legacy applications to modern architecture, improving site performance
- Incorporated responsive design principles, increasing mobile user engagement by 45%
- Analyzed and solved cross-browser compatibility issues, enhancing user experience across platforms
- Developed responsive web applications using modern front-end frameworks
- Utilized .NET frameworks for development

Web Developer @ Optimize Worldwide

Jul 2016 - Aug 2017

- Crafted responsive web applications using modern front-end frameworks
- Led a team of developers to ensure project completion and quality

- Effectively translated technical concepts into clear language, maintaining project scope and improving collaboration

Full Stack Developer @ Veritas Health Systems

Jul 2011 - Oct 2014

- Architected scenario forecasting tools that optimized patient flow and onboarding
- Programmed plan sales tools that increased plan sales by 20%
- Native app development for iOS and Android
- Developed patient management systems that streamlined operations, reducing administrative workload
- Implemented secure data handling practices, ensuring 100% HIPAA compliance
- Engineered custom analytics dashboards that improved decision-making efficiency for key stakeholders
- Crafted custom applications for the healthcare industry
- Accounting management systems engineered to reduce manual data entry and improve accuracy

Game Developer @ n-Space

May 2008 - Jan 2009

- Built custom applications for the entertainment industry

Game Developer @ Semi Logic Entertainments

May 2005 - Jul 2007

- Developed custom applications for the entertainment industry

Technician and Web Developer @ Network Business Machines

Oct 2002 - May 2005

- Engineered the design and development of tailored applications, streamlining operations through custom solutions that enhanced productivity by an average of 20 hours each month

Software Developer @ Sean Dinwiddie

Sep 1994 - Present

- Architected and developed custom web and mobile applications
- Graphic, Motion, Code Design, and user interfaces with motion graphics
- Programming, Scripting, and Markup; Utilized a variety of languages and frameworks to build robust and scalable applications. Implemented full-stack solutions
- Desktop, Web, Mobile, Office, and other Technologies; Built applications for a wide range of devices and platforms; Utilized a variety of technologies to create comprehensive solutions; Leveraged cross-platform technologies including Electron for desktop apps and React Native for mobile

Technical Skills

RTK Query,

Redux Toolkit,

React.js,

React Native,

TypeScript,

Node.js,

Express.js,

JavaScript (ES6+),

RESTful APIs,

PostgreSQL,

Bootstrap,

Tailwind CSS,

Git,

Webpack,

Turborepo,

Python,

Ruby,

PHP,

SQL,

MongoDB,

GraphQL,

Containerization,

CI/CD,

Cloud Architecture,

Agile Methodologies,

Communication Skills,

Problem Solving,

Business-Driven Development,

Test-Driven Development,

Jest,

Cucumber,

ESLint

GitHub: <https://github.com/SeanDinwiddie> **LinkedIn:** <https://www.linkedin.com/in/seandinwiddie>