Craig Davison
Full Stack Web Developer

CONTACT DETAILS

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Links

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SKILLS & KNOWLEDGE

SAP BW4HANA
HANA Modelling
SAP UI5
SQL (HANA, MySQL)
MongoDB

HTML
CSS
PHP
JavaScript
NodeJS
React
GIT (GitHub)

Responsive Web Design
NPM (Node Package Manager)
Tailwind CSS
Materialise
Bootstrap 4
WordPress
Bricks Builder

Leadership and Team Management
Mentoring and Coaching
Problem-Solving
Effective Communication
Adaptability and Continuous Learning

EDUCATION

2021 - SAP BW Bootcamp
2016 - SAP HANA XS Training
2016 - SAP HANA Studio
2016 - SAP Web Intelligence
2016 - BCS Foundation in Agile
2002 - AVCE in ICT

About me

Passionate web developer with over six years of experience in building dynamic and responsive web applications using PHP, JavaScript, NodeJS, and ReactJS. Proven ability to lead and mentor teams, manage projects, and deliver high-quality solutions that enhance user experience and operational efficiency. Adept at Agile methodologies and committed to continuous learning to stay abreast of the latest web technologies. Recently expanded into freelance web development, successfully delivering projects for local clients. Seeking to leverage my technical expertise and leadership skills to contribute to innovative projects in a forward-thinking company.

PROJECTS & PESRONAL ACHIEVEMENTS

Freelance Web Development
January 2024 – Present

- Flourish with Phoenix (Phoenix Foundation) Website
    - Description: Developed a website for a local charity to support one of their community projects.
    - Role: Lead Developer
    - Technologies Used: WordPress, PHP, JavaScript, CSS, HTML
    - Achievements: Delivered a user-friendly and visually appealing website that increased the charity's online presence and engagement.
- Phoenix Foundation Main Website Redevelopment (Upcoming)
    - Description: Secured a contract to redevelop the main website for the local charity, enhancing functionality and user experience.
    - Role: Lead Developer
    - Technologies Planned: ReactJS, NodeJS, MongoDB, Tailwind CSS
    - Achievements (Expected): Improved site performance, scalability, and mobile responsiveness to better serve the charity's needs.

Cadent Gas/National Grid
- Operations Performance Reporting Suite (Coaching Hub)
    - Description: Developed a web-based reporting tool used by repair operations managers to monitor performance metrics.
    - Role: Lead Developer
    - Technologies Used: PHP, MySQL, JavaScript, HTML, CSS, Google Charts
    - Achievements: Enhanced start-of-day performance by up to 30% through real-time data visualization and interactive dashboards.
- Core KPI Dashboard
    - Description: Created a responsive dashboard accessible on any device to provide instant insights into team performance.
    - Role: Consultant and Developer
    - Technologies Used: SAPUI5, JavaScript, HTML, CSS
    - Achievements: Improved operational efficiency by delivering key performance indicators through a user-friendly interface, facilitating better decision-making processes.
- Automation of Regulatory Reporting Pack
    - Description: Led the automation of manual RRP reporting tasks to save time and reduce errors.
    - Role: Lead Developer
    - Technologies Used: SAP BW/4HANA, SAP Webi, SAP Analysis for Office
    - Achievements: Improved accuracy of Regulatory Reporting in relation to Emergency and Repair Operational performance and Reduced report generation time by several man-hours through the design, development, testing, and deployment of an automated solution.

WORK EXPERIENCE

Freelance Web Developer

January 2024 – Present

Overview

As a Freelance Web Developer, I have undertaken various projects to design, develop, and maintain websites for local clients. This role has enabled me to apply my technical expertise in a self-directed environment, delivering customized web solutions that enhance client online presence and engagement.

Key Tasks and responsibilities

- **Project Management**: Managed all aspects of freelance projects, including client communication, requirement gathering, development, testing, and deployment.
- **Web Development**: Built and redeveloped websites using modern web technologies and frameworks to meet client specifications and improve user experience.
- **Client Relations**: Established and maintained strong relationships with clients, ensuring satisfaction and securing repeat business.

Lead MI Developer

2017 – August 2023

Overview

As a Lead MI Developer, I managed a dedicated team of developers responsible for designing, developing, and delivering MI reporting solutions to the wider business. Our primary focus was on the ER&R (Emergency Response & Repair) process, leveraging the SAP technology stack. While also creating custom solutions for tasks outside the scope of our existing technology infrastructure. These included web apps and micro-services initially built with PHP and MySQL, later transitioning to NodeJS and MongoDB backends.

Key Tasks and responsibilities

- **Team Leadership**: Managed a dedicated team of developers in designing, developing, and delivering Management Information (MI) reporting solutions, including custom web applications and micro-services.
- **Web Development**: Transitioned backend systems from PHP and MySQL to NodeJS and MongoDB, enhancing scalability and performance.
- **Agile Implementation**: Introduced Agile practices, including Kanban boards, Epics, User Stories, MoSCoW prioritization, and Planning Poker, resulting in more efficient sprint cycles and project management.
- **Mentoring**: Provided coaching and support to junior developers, fostering skill development and career growth within the team. While promoting best practice in both SAP and Web development capacity.
- **Technical Contributions**: Designed and developed responsive web applications using PHP, JavaScript, and modern front-end frameworks, ensuring seamless integration with SAP BW4/HANA systems.

Junior MI Developer

2011 – 2017

Overview

Responsible for the design, development and delivery of MI reports to GDUK through collaboration with the Process and Functional teams to ensure the outputs meet the specifications to cost, time and quality, while complying with all relevant governance.

Key Tasks and responsibilities

- **Report Development**: Designed, developed, and deployed MI reports for various stakeholders using SAP BOBJ tools and web technologies.
- **Web Applications**: Assisted in building bespoke PHP and JavaScript web applications, contributing to improved data accessibility and user experience.
- **Collaboration**: Worked closely with Process and Functional teams to gather requirements and ensure reports met specifications for cost, time, and quality.
- **Mentoring**: Coached team members and interns, enhancing their development skills in VBA, Excel, Access, and SAP tools.

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Experience

- Experience in both Waterfall and Agile (with BCS Foundation in Agile) approaches to project management
- Twelve year's experience with SQL (Seven years' with HANA SQL)
- 12 year's experience with SAP BOBJ tools such as Webi, Bex and IDT (Information Design tool).
- Seven year's experience in using the suite of SAP HANA Studio, building both Graphical and SQL Calc Views
- 2 year's experience working with SAP BW4/HANA creating Composite Provides, Queries, Data Flows, DTPs and CDS views and Analysis for Office (Excel)
- Coaching experience with junior members of the team who had no prior development experience but who now have a basic grasp of developing VBA projects in Excel and Access and SAP tools
- Coaching experience with employability interns
- 6 years' experience in developing reports with bespoke PHP and JavaScript web applications built on MySQL and MongoDB
- Experience with writing web services and API's using NodeJS
- Experience with building web applications and static websites using ReactJS
- Experience with UI libraries such as Bootstrap, Material UI and the CSS utility framework Tailwind CSS

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