DOUGLAS OSBORNE

PROBLEM SOLVER

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National Capital Region

ABOUT ME

I am a seasoned Front-End Developer with over a decade of experience delivering exceptional web applications. My expertise includes React.js, Next.js, TypeScript, and UI/UX design, focusing on creating dynamic and user-friendly interfaces. I have a strong foundation in Agile project management, complemented by certifications in data science and generative AI technologies. I excel at developing scalable solutions, collaborating with cross-functional teams, and implementing modern web development practices.

SKILLS

React	NEXTjs	Tailwind	Typescript
Javascript	php	JQuery	Python
Bootstrap	C-Sharp	npm	Nodejs
Jira	GitHub	HTML5	Material
Pandas	MatPlotLib	Seaborn	aws
Postgres SQL	BitBucket	Lambda	MySql
EC2	s3	ubuntu	Linux
Huggingface	Tableau	Meta-Llama	
Azure	Openai	Windows	VScode
Figma	Photoshop	Adobe XD	Canva
Squarespace	Wordpress		

EXPERIENCE

SOFTWARE ENGINEER
WHIRLWIND TECHNOLOGIES | 2017 - PRESENT

At Whirlwind Technologies, I worked on a variety of innovative projects for the U.S. Census Bureau, showcasing my expertise in front-end development. My role focused on creating visually compelling and functional user interfaces while ensuring optimal performance and scalability.

- Developed user-friendly web pages for the Economic Indicator Division using JavaScript, Bootstrap, HTML, Node.js, and PHP.
- Engineered the RISE Tracker web application, translating client requirements into fully functional mockups and interfaces using Adobe XD.
- Built a Population Data Platform application with Next.js, Tailwind CSS, and TypeScript, implementing modern design principles and Shadcn/UI for seamless user experiences.
- Created AI assistants using Meta Llama-based and ChatGPT API , integrating cutting-edge generative AI technology into web applications.
- Conducted code reviews and performed QA for design, content, and functionality to ensure alignment with best practices.

Key Accomplishments:
- Designed and implemented a robust Economic Indicator Time Series API User Guide using Python.
- Successfully migrated an International Trade site from CiDR2 to CiDR3, enhancing performance and functionality.
- Microsoft Certified Data Scientist Associate and recipient of multiple certifications in software design, generative AI, and front-end technologies.

VTC DEVELOPER
CAMBRIDGE INTERNATIONAL | 2014 - 2017

At Cambridge International, I focused on designing and implementing digital experiences and custom A/V solutions for high-profile projects. My role emphasized enhancing communication systems and creating innovative technical solutions.

- Reviewed, analyzed, and engineered video teleconferencing services, ensuring seamless operation.
- Designed and developed custom touch panels using Netlinx Studio and TP4 Design software.
- Supported high-level meetings by troubleshooting systems and equipment, ensuring operational efficiency.
- Engineered bespoke solutions for conference rooms, VTC carts, and video walls.
- Conducted training sessions on touch panels, VTC systems, and audio equipment.

Key Accomplishments:
- Received a Certificate of Recognition for outstanding project contributions.
- Constructed a multiscreen video wall with enhanced performance capabilities.
- Implemented an Equipment Failure Log, significantly reducing maintenance downtime.

FULL STACK DEVELOPER
AT&T GOVERNMENT SOLUTIONS | 2008 - 2014

In my tenure at AT&T Government Solutions, I honed my skills in full-stack development, contributing to diverse projects and enhancing application functionality with modern web technologies.
* Developed responsive web applications using VB.NET, JavaScript, C#, AJAX, and PHP.
* Migrated legacy code to modern frameworks, enhancing performance and maintainability.
* Documented software designs and prepared comprehensive technical documentation for stakeholders.

Key Accomplishments:
* Successfully introduced new technologies to improve web application capabilities.
* Participated in Red Team reviews for high-profile government contract proposals.

EDUCATION

Bachelor of Science in Computer Science; Minor in Mathematics
Virginia State University, 2005

CERTIFICATIONS
* **Microsoft Certified Data Scientist Associate**
* **Front-End Web Development with React Specialization**
* **Data Visualization with Tableau Specialization**
* **Software Design and Architecture Specialization**
* **Generative AI Assistants Certification**
* **Prompt Engineering for ChatGPT Certification**