

CHARLES T. MONTGOMERY

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OBJECTIVE

Innovative UI/UX/Web Developer with extensive experience in building responsive, accessible, and engaging web applications. Passionate about leveraging AI technologies like ChatGPT and Llama 3 to push the boundaries of user-friendly website design and development. Eager to explore the potential of AI-driven solutions in crafting smarter and more dynamic web experiences.

COMPUTER SKILLS

- **Full-Stack Development:** React, TypeScript, JavaScript, AngularJS, Bootstrap, Node.js, Express, Java, JSP, WebSphere, Spring Boot, HTML, CSS (SASS/LESS), SQL, PostgreSQL, JSON, XML, Bash, Gradle
- **AI and Emerging Technologies:** ChatGPT, Llama 3 integration for website development, OWASP Top 10 principles for secure development
- **Tools & Platforms:** SonarQube, Jenkins, Artifactory, Google Cloud Platform (GCP), Render, LM Studio, Adobe Creative Suite, Autodesk 3ds Max, VS Code, Git, SVN
- **Project Management & Collaboration:** MS Teams, SharePoint, Joomla, VersionOne, Trello, Jira

EMPLOYMENT EXPERIENCE

2015–2024 | Frontend Developer | Optimo-IT | Manassas, VA

- Contributed to the development of responsive interfaces for various USPS platforms, including USPS's Informed Delivery™ web application using React, TypeScript, JavaScript, Java, JSP, WebSphere, Spring Boot, and Bootstrap.
- Created responsive HTML email templates for USPS, ensuring cross-email client and web compatibility using Java, HTML, and Litmus.
- Supported Google Cloud operations and DevOps tasks using UNIX, Jenkins, Artifactory, and SonarQube.
- Ensured 508/WCAG compliance through documentation and accessibility workshops.

2009–2015 | Graphic Web Designer | Tiber Creek Consulting | Fairfax, VA

- Created responsive interfaces for National Guard and Department of the Navy portals using HTML, CSS, JavaScript, jQuery, Adobe Flash, SharePoint Designer, and Joomla.
- Styled icons, graphics, and branding for multiple platforms while ensuring 508/WCAG compliance.
- Created prototypes and mockups to support portal design and functionality enhancements.

2006–2009 | Digital Media Artist | Applied Research Associates | Raleigh, NC

- Modeled and Textured 3D assets for military training simulation software and visual elements for proposals and marketing materials using Adobe Creative Suite and Autodesk 3DS Max.
- Produced interactive and print materials, proposal graphics, and trade show displays.

2005–2006 | Adjunct Instructor | Surry Community College | Dobson, NC

- Taught Illustration and Computer Design Basics as an adjunct instructor for two semesters using Adobe Illustrator, Adobe Photoshop, and Quark Express.

PROJECTS

Task Tracker Web App

- Developed a full-stack task management application hosted on Render, featuring a React frontend, Node.js backend, and PostgreSQL database.
- Integrated advanced features such as CSV file uploads, calendar views, customizable themes, and metrics dashboards for visualizing task performance and progress.
- Ensured 508/WCAG compliance and implemented Material-UI for a modern, responsive UI.

Portfolio Website (www.tmontgo.com)

- Built a dynamic React-based website showcasing professional projects, resume, and a "How It's Put Together" section explaining technical approaches.
- Highlighted skills in AI-driven tools like ChatGPT for project summaries and automation features.

EDUCATION/CERTIFICATIONS

- Professional Scrum Master 1 – Scrum.org
- BFA in Media Arts and Animation – Illinois Institute of Art, Schaumburg, IL
- AA in Computer Animation – Art Institute of Atlanta, Atlanta, GA
- AA in Pre-Liberal Arts – Surry Community College, Dobson, NC