

Rama Al-Omar

U.S Citizen | alomar.ramaa@gmail.com | github.com/alomarramaa

EDUCATION

West Virginia University

May 2024

Bachelor of Science in Computer Science

EXPERIENCE

Frontend Developer

Jan 2021 – Present

Self Employed

- Delivered three professional websites using React and Angular, following SOLID and SEO best practices, improving performance by 30% and increasing organic traffic by 20%
- Employed version control with Git to manage and track project changes, ensuring smooth collaboration and code integrity
- Researched and implemented UX/UI design principles, creating low fidelity mockups using Figma

Frontend Developer

Jan 2023 – May 2024

WVU Campus Recreation

- Designed and built over 30 landing pages with HTML/CSS, incorporating designs, and maintaining graphic standards and university branding for over 100,000 users annually
- Conducted rigorous testing and debugging on thousands of lines of code, leading to a 16% boost in engagement rate and a 14% reduction in loading times over a year
- Enhanced over 20 web pages weekly by incorporating new text and images, while implementing accessibility enhancements with SiteImprove to improve user experience and compliance standards

Software Development Intern

June 2023 – August 2023

WVU Medicine

- Developed and launched a HIPAA-compliant web service with Blazor and Azure, streamlining the scheduling of patient cancer screenings for hospital staff, reducing appointment scheduling time by 40% through seamless integration with the hospital's database
- Facilitated the development of a web service with Blazor that allowed security employees to manage managers' requests for hospital assets for over **20,000** employees across the state
- Collaborated with cross-functional teams to deliver features, integrating feedback from clients and teammates to improve the user experience

PROJECTS

Coffee Card | *React, Spline3D, Git*

- Engineered a fullstack recipe card web application featuring interactive 3D models, including a virtual coffee shop and detailed coffee drink visualizations, leveraging Spline, Figma, and React to enhance user engagement and experience
- Integrated real-time data processing and API consumption to dynamically update recipe content and visualizations, ensuring a seamless and responsive user experience

RateIt | *AngularJS, TypeScript, Git*

- Architected and deployed a fullstack social network platform collaboratively with a team using Angular and Bootstrap, with key features such as interactive forums and post rating functionality
- Built complex flows to improve the user interface including account login, account creation, interactive elements with JavaScript and DOM manipulation, and topic posting with dynamic elements

Operating System | *C*

- Implemented an operating system from the ground up using C in order to learn process management, memory allocation, and user interface design

SKILLS

Languages: Java, JavaScript, Python, C, HTML/CSS

Frameworks/Tools/Libraries: Azure, React, AngularJS, Spline3D, Node.js, Blazor, Git