

Muzamil Shamsi

Orlando, FL | muzamil.shamsi@outlook.com | github.com/muzamil-dev | (321) 325-5907

EDUCATION

University of Central Florida

Bachelor of Science Degree in Computer Science, Dean's List

May 2025

Orlando, FL

WORK EXPERIENCE

Utility Data Analyst

September 2023 – May 2024

Toho Water Utility

Kissimmee, FL

- Utilized Utility Exchange software for precise credit assessment and deposit management.
- Conducted accurate data entry for meter reads and technician comments, ensuring data integrity.
- Collaborated with customer service teams to resolve issues efficiently.
- Ensured compliance with company policies and regulations in all data management tasks.

IT Intern

October 2021 – February 2023

Eufinity Wellness

Remote

- Developed user-friendly web interfaces in HTML and CSS to improve the website's functionality and responsiveness, contributing to a 30% increase in site engagement.
- Leveraged Jira and Slack for agile project management and collaborative task tracking, ensuring timely project completion.
- Implemented SEO strategies, applying Google Analytics and web optimization techniques to improve site ranking.

IT Intern

May 2020 – September 2020

RaveOn Sports

Remote

- Developed and maintained the WordPress website, implementing customizations and updates to enhance usability and performance.
- Provided technical insights on responsive web design and accessibility, enabling the site to function seamlessly across devices.
- Implemented responsive web design techniques for seamless experience across various devices.

PROJECTS

Peer Review | *Peer Review application, Frontend Developer*

August 2024

- Developed a Peer Review application using the MERN stack with a team of 8 people.
- Used Node.js for seamless communication between the front end and back end.
- Designed and implemented the web frontend using React.
- Collaborated with team members using Git for version control and JIRA project management.

DETECT (Deception Tracking Through Eye Cues Technology) | *Research*

May 2025

- Contributed to research and development on DETECT, an experimental project using MediaPipe for eye-gaze tracking.
- Assisted in designing and testing eye movement tracking algorithms and iris position triangulation techniques.
- Conducted extensive testing and analysis using MediaPipe for deception detection.
- Collaborated with Software Engineering team to implement and test affine transformations for precision.

FoodFlex (FlexEat) | *AI-Powered Recipe Customizer, Frontend Developer*

October 2024

- Developed a responsive frontend for FoodFlex, an AI-driven web app for customizing recipes based on dietary needs.
- Built interfaces in React.js (or Next.js) and TypeScript, enabling recipe uploads via text, URL, and OCR.
- Implemented user profile and dietary preference settings, and recipe visualization and nutritional breakdowns.
- Integrated APIs (OpenAI, Edamam, Nutritionix) for real-time recipe customization and nutrition insights.

TECHNICAL KNOWLEDGE

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

Libraries: React, Bootstrap, NumPy, Pandas, ASTRO, TypeScript

Tools: Git, Bash, GNU/Linux Vagrant, Docker, Wireshark, VirtualBox, VS Code, Eclipse, CodeBlocks, Postman, AWS, Node.js