

# Joshua Ogunsola

Bowie, MD | [Personal Portfolio](#) | [joshua.ogunsola07@gmail.com](mailto:joshua.ogunsola07@gmail.com) | [GitHub](#) | [LinkedIn](#)

## Skills

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**Languages:** Java, C#, C++, Python, JavaScript, HTML, CSS

**Libraries and Frameworks:** React, Tailwind CSS, Next.js, Axios, Express, Pandas, Folium

**Tools:** GitHub, JIRA, Bitbucket, GitLab, Confluence, Linux, Windows, MongoDB, Node, Unity, Vercel

**Other:** OOP, Agile Development Methodologies, APIs, Scrum, npm

## Projects

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**[MyFIT Web Application](#)** | *Next.js, JavaScript, Tailwind CSS, HTML, Axios, PostgreSQL*

- Developed fitness website to allow user to track personal fitness milestones, manage workouts, and share progress with other users.
- Implemented server-side rendering for better SEO using Next.js.
- Created RESTful endpoints, providing seamless communication between frontend and backend.

**[Personal Portfolio](#)** | *Next.js, JavaScript, Tailwind CSS, HTML*

- Dynamic, responsive, and mobile-friendly personal portfolio showcasing skills & experience.
- Utilizes technologies like React, Next.js, and Tailwind CSS, featuring interactive elements.

**Custom Landing Page** | *React, JavaScript, Tailwind CSS, HTML, MongoDB*

- Created custom landing page website for local HVAC company in Baltimore, Maryland.
- Implemented scheduling system with admin authentication to perform CRUD operations.

## Experience

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**Data Analyst** | *Python, Streamlit, Pandas, Matplotlib, Folium*

**08/2023 – Current**

*Baltimore Data Science Corps Team*

*Towson, Maryland*

- Utilized Pandas library to perform data analysis and manipulation on records retrieved from the city of Baltimore, ensuring the use of accurate and reliable data.
- Created interactive maps that pinpoint and predict where various crimes take place, offering visual insights into the analyzed data.

**Software Engineering Intern** | *C#, Unity, Apache Artemis, Windows*

**05/2023- 08/2023**

*Penn State University's Applied Research Lab*

*State College, Pennsylvania*

- Constructed and modeled aircraft flight simulation systems contributing to national security.
- Utilized Augmented/Virtual Reality technology and software applications to craft immersive virtual environments that actively monitor and respond to user inputs and movements.
- Implemented publisher/subscriber methodology to facilitate seamless data flow between software applications.

**Microsoft O365 Support Engineer**

**08/2022- 05/2023**

*Zones, LLC*

*Albany, New York (Remote)*

- Utilized TCP/IP/SMTP protocols to configure Outlook emails, ensuring seamless communication and optimal email functionality for end-users.
- Support the installation, configuration, and maintenance of Microsoft Office 365 across various platforms, ensuring a smooth and efficient user experience.

## Education

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**Towson University**

**08/2020-05/2024**

*Bachelor of Science in Computer Science*

*Towson, Maryland*

- Relevant Courses: Data Structures & Algorithm Analysis | Programming Languages Design & Implementation | Operating Systems | Software Engineering | Database Management | Web-Based Programming | Object Oriented Design & Programming | Software Quality Assurance | Computer Graphics
- Organizations: National Society of Black Engineers, Bit Brothers