

# Osama Jameel

## Software Developer

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### EDUCATION

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HARRISBURG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Harrisburg, PA

*Bachelor of Science in information Systems and information Technology*

- **GPA: 3.7**
- **Relevant Courses:** Operating Systems, Systems Analysis and Design, Database Management Systems.

OKLAHOMA CITY COMMUNITY COLLEGE

Oklahoma, OK

- *associate degree in management information systems (MIS)*
- **Graduated:** 2023

### TECHNICAL SKILLS

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- Programming Languages: Python, Java, C, C++, Swift
- Web Development: HTML, CSS, JavaScript, WordPress, Bootstrap, Sublime Text
- Frameworks & Libraries: TensorFlow, Streamlit, Scikit-learn.
- Tools & Platforms: GitHub, Visual Studio Code, Google Ads, Google Analytics
- Database & Data: SQL, MongoDB, Data Analysis, Database Design
- Digital Marketing: SEO (on-page, off-page, technical), PPC, Meta Advertisements, Link Building
- Soft Skills: Communication, Teamwork, Leadership, Problem-Solving

### PROJECTS

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BREAST CANCER PREDICTION SYSTEM USING MACHINE LEARNING

MARCH 2025

- Built a machine learning web app using Flask to predict cancer diagnoses based on 30 medical input features using logistic regression.
- Integrated a trained scikit-learn model with real-time prediction in a responsive Bootstrap UI and deployed it on Render.
- Added input validation, sample test inputs, and dynamic visual alerts for clear prediction feedback and user engagement.

DIGITAL MARKETING WEBSITE

APRIL 2025

- Created a multi-page marketing site with responsive UI, structured sections (Home, About, Services, Contact), and Bootstrap design.
- Connected backend form submission via Node.js and handled data with JSON APIs.
- Enhanced UX with embedded media, clean layouts, and accessibility features for lead generation.

FASHION RECOMMENDER SYSTEM USING MACHINE LEARNING

MAY 2025

- Developed Built a deep learning recommendation system to suggest fashion items based on textual similarity and metadata.
- Trained TensorFlow models with TF-IDF, cosine similarity, and embedding layers to generate custom outfit suggestions.
- Processed and vectorized data using Pandas and Scikit-learn for high-accuracy personalization.

COFFEE SHOP WEBSITE

MAY 2025

- Developed a fully responsive coffee shop website using ReactJS, Tailwind CSS, and Framer Motion with modern animations and smooth UI transitions.
- Implemented animated sidebar, interactive product cards, and mobile-friendly hero section for a dynamic user experience.
- Deployed on GitHub for portfolio showcase and version control.

### LEADERSHIP EXPERIENCE

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VICE PRESIDENT - STUDENT GOVERNMENT ASSOCIATION (SGA)

2022-23

*Oklahoma City Community College (OCCC)*

- Led student initiatives, coordinated events, and represented the student body in administrative meetings.