

# LOGMAN AWAD

## SOFTWARE ENGINEER

### CONTACT

+249129988513

logman.official@outlook.com

[logman.com](https://logman.com)

### PROFILE

Software Engineer with experience in developing scalable and high-performance web applications using **React.js, JavaScript, and Python**. Passionate about building efficient solutions, optimizing code performance, and integrating machine learning models into applications. Strong problem-solving skills with experience in **data structures, algorithms, and system design**.

### SKILLS

- programming languages:**  
JavaScript, python
- web development:**  
react.js, HTML, CSS, bootstrap
- machine learning & data analysis:** python (pandas, scikit-learn), SQL, Excel.
- version control:** git, github

### PROJECTS

#### Software Engineer | AI-Based Conflict Prediction Model | 2024

- Designed and trained a **machine learning model** to predict conflicts in Sudan with 87% precision and recall in testing.
- Utilized **Python, Scikit-learn, Pandas** and **Matplotlib** for data preprocessing and visualization
- Balanced datasets through **resampling techniques** to improve model accuracy.

#### Game Developer | Traditional Game Project (DAALET) | 2023

- Designed and developed a **browser-based game using React.js, JavaScript, and CSS**.
- Implemented **game logic, and an intuitive user interface** for engaging experiences.
- Implemented a **night mode feature** for improved user experience in different lighting conditions.
- Developed a feature that allows users **to customize the color and shape of the game board**, improving personalization.
- Integrated **sound effects** to make the gameplay more immersive
- Ensured **cross-device compatibility** and **responsiveness** for seamless gameplay on various screens.

### EDUCATION

University of Khartoum  
**Bachelor of Information Technology**  
2016-2024

### ADDITIONAL COURSES

- Meta front-end Developer Professional Certificate (in progress)
- Google Data Analytics Professional Certificate (in progress)

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## LANGUAGE

- Arabic
- English

## Front-End Developer | Personal Portfolio Project | 2024

- Designed and developed a **responsive portfolio website** using **React.js, JavaScript, and CSS**.
- Showcased personal projects, skills, and experience in an interactive and visually appealing way.
- Implemented **a modern UI/UX design** using Figma before development.
- Added **dark mode support** for better user accessibility.