

# Kaosar Ahmed

## Software ENGINEER

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- Github : <https://github.com/SiamAhmed32>

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## Professional Summary

Results-driven Front-End Developer with a strong foundation in Python and expertise in JavaScript, React.js, and Tailwind CSS. Proven ability to build responsive, high-performance web applications and integrate RESTful APIs for seamless functionality. Passionate about delivering exceptional user experiences through clean, maintainable code.

## SKILLS

- **Languages:** Python, JavaScript (ES6+), Java
- **Front-End:** React.js, HTML5, CSS3, Tailwind CSS, Bootstrap 5, Responsive Web Design.
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP)
- **Developer Tools & Methods:** Git, GitHub, RESTful APIs, Axios, Browser DevTools, Netlify, Vercel
- **Databases:** MySQL (Basic), SQLite (Basic)

## Projects

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### Real-Time Weather Update

**Tech Stack:** React.js, Tailwind CSS, JavaScript (ES6+), Context API, OpenWeatherMap API

#### Key Features:

- Built a dynamic dashboard to display real-time weather data from the OpenWeatherMap API, featuring automatic location detection via the Geolocation API.
- Engineered a responsive UI with advanced features for improved performance and a 'Favorites' list that persists across sessions using a custom useLocalStorage hook.
- Managed all application-wide state, including weather data, forecasts, and user preferences, efficiently using the React Context API.

**Live Link :** <https://weather-timeupdate.netlify.app/>

**Github :** <https://github.com/SiamAhmed32/Real-Time-Weather-Update-React>

### AI Image Generation Platform

**Tech Stack:** React.js, JavaScript (ES6+), Context API, localStorage, fetch API

#### Key Features:

- Engineered a real-time image generation tool by integrating the Pollinations AI REST API, allowing users to control models, dimensions, and aspect ratios through a dynamic settings panel.
- Implemented a persistent user gallery with full Create, Read, and Delete (CRD) functionality, leveraging a custom useLocalStorage hook to save user-generated art across browser sessions.

**Live Link :** <https://digitalimagegeneration.netlify.app/>

**Github Link :** <https://github.com/siam3200/Image-Generator>

### Title: Interactive Movie Rental & Catalog Platform

**Tech Stack:** React.js, JavaScript (ES6+), Context API, React useReducer, Tailwind CSS, react-toastify

#### Key Features:

- Developed a dynamic movie catalog with interactive Browse and detailed film information.
- Engineered a robust shopping cart system for seamless movie selection and rental management.
- Utilized React Context API & useReducer for efficient, centralized state management.
- Implemented dynamic theming (Light/Dark Mode) and responsive UI for enhanced user experience.

**Live :** [cine-rental-website.netlify.app/](https://cine-rental-website.netlify.app/) | **GitHub :** [github.com/SiamAhmed32/cine-rental-catalog-app](https://github.com/SiamAhmed32/cine-rental-catalog-app)

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## EDUCATION

### Bachelor of Computer Science and Engineering

Brac University - CGPA : 3.55

IELTS - Test certified (2024)