

# AKRAM ASHRAF ABDELBASIR

Frontend Developer | TypeScript | ReactJS

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☆ Portfolio: [ak-ram.github.io](https://ak-ram.github.io)

## EDUCATION

### Bachelor of Science

Beni-Suef University

GPA  
3.4 / 5.00

2019 - 2024  
Beni-Suef, EG

## SKILLS

ReactJs	TypeScript	Next.js
ES6+	Redux	Css
Scss	Tailwind Css	GITHUB
GIT	Algorithm	Data Structure
Network	Bootstrap	

## TRAINING

### Algorithm and Data Structure Courses, Cloud Native Base Camp

Instructor: [Ahmed Metwally](#)

- Acquired comprehensive understanding of fundamental data structures such as stack, queue, heap, and tree, along with their practical applications.
- Learned techniques for analyzing code complexity and optimizing algorithms to enhance performance.
- Certificate: [link](#)

## ARTICLES

-  **Async JS Operations**  
Managing async JS Operations ex; Cancel, Pause, and Resume  
[Read now](#)
-  **Nested Dynamic Routes**  
Create dynamic, nested routing patterns for React apps effectively.  
[Read now](#)
-  **SASS/SCSS Series**  
Github: [link](#)  
Exploring advanced SASS features for efficient, maintainable CSS code.  
[Read now](#)

## OPEN-SOURCE FREELANCE WORK

### ROBOTECHSPACE

Bani Suef, in front of Alexandria Bank.

<https://robotechspace.com/>

Developed an e-commerce store for electronic components, integrating APIs, multiple payment methods, and robust admin functionalities, enabling streamlined transactions and comprehensive sales analytics.

- Implemented 'Vodafone Cash' and 'Cash in Store' payment methods for convenient checkout.
- Built an intuitive admin dashboard to manage product data, monitor stock levels.
- Analyze data for sales trends, product popularity, and revenue insights.
- Generated stats for strategic analysis on a daily, monthly, and yearly basis.

### Scss-helper VSC Extension

[marketplace.visualstudio.com/items?itemName=AkramAshraf.scss-helpers](https://marketplace.visualstudio.com/items?itemName=AkramAshraf.scss-helpers)

VS Code Extension maintains code quality with features like auto-complete and auto-prefix.

- Technologies:** Yeoman generator – SCSS
- Traffic:** >1000 installations on VS Marketplace

### MOVIIDECK

<https://react-move-web-app.web.app/>

Search, Browse, and Watch movies on any screen with this free open-source responsive web app.

- Technologies:** React, Routing, Axios, Swiper, Sass
- Github:** [link](#)

### Flexbox Visualizer Tool

[flexbox-visualizer-tool-2b635.web.app/](https://flexbox-visualizer-tool-2b635.web.app/)

Flexbox-visualizer tool showcases CSS flex properties with interactive visualization.

- Technologies:** React, Sass
- Github:** [link](#)

### Dropit

<https://dropit-945fd.web.app/>

Dropit Social Video Blog Full Stack App

- Technologies:** ReactJs, Firebase, Chakra UI
- Github:** [link](#)

## SCRIPTS

-  **Excel Processor**   
The script organizes Excel data by a column, creating new files and a summary.  
**Tools:** Exceljs v.4.4.0 – xlsx-populate v.1.21.0  
**Github:** [link](#)
-  **Simple XOR Encryption Implementation**  
Encrypt and Decrypt data using a user-defined encryption key.  
[Try it now](#)
-  **QR Code Generation API**  
Utilized Google Charts API to dynamically generate QR codes.  
[Try it now](#)
-  **JS Drawing App**  
Responsive drawing app with customizable tools; save drawings as images.  
[Try it now](#)