

# Mohamed Adil Nour

## Software Developer

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### Profile

Software Developer with expertise in JavaScript, HTML, CSS, and modern web technologies. Passionate about building user-friendly interfaces and scalable applications. Experienced in developing responsive web applications and working with REST APIs. Strong problem-solving abilities with a focus on continuous learning and development.

### Education

#### Diploma in Software Development

42 Abu Dhabi

2023 – present | Abu Dhabi, UAE

- Enhanced teamwork and communication skills.
- Practical experience through hands-on projects.
- Mastery of C, C++, and web servers.
- Implementation of standard algorithms and data structures.
- Knowledge of Unix system interactions.
- Skills in developing graphical applications and games.
- Continuous improvement and lifelong learning.
- Strong problem-solving and analytical skills.
- Creativity in resolving technical challenges.
- Development of a strong work ethic and self-discipline.

#### Bachelor of science in Chemical Engineering

Abu Dhabi University

09-2013 – 01-2018 | Abu Dhabi, United Arab Emirates

### Professional Experience

#### Integrated Transport Centre / Governmental

Customer Service Representative

12-2021 – present | Abu Dhabi

- Resolved 50+ daily technical and service inquiries, improving CRM efficiency by 20%.
- Trained 15+ team members on systems and protocols.

#### School Voice

Customer Service Quality

05-2020 | Abu Dhabi

- Provided technical support for a communication platform connecting schools, parents, and students.
- Monitored and resolved end-user issues related to the app and website, ensuring smooth platform functionality.
- Collaborated with tech leaders to implement user-requested features, improving user experience and engagement.

#### Abu Dhabi Distribution Company - Governmental

Customer Service Representative

12-2017 – 01-2020 | Abu Dhabi

- Delivered award-winning support (3x "Best Governmental Call Center").

#### Gulf Fluor LLC

Chemical Engineer intern

07-2017 – 08-2017 | Mussafah, United Arab Emirates

- Collaborated on lab analysis and safety protocols (mentioned briefly for technical collaboration).

## Skills

### Languages

C, C++, JavaScript, HTML/CSS, Bash

● ● ● ● ●

### Frameworks & Tools

Node.js, Docker, Unix/Linux, Git, React

● ● ● ● ●

### Concepts

Algorithms & Data Structures, System Programming, REST APIs, Ray-Casting, Process Management

● ● ● ● ●

### Web Development

Responsive Design, Cross-Browser Compatibility, UI/UX Fundamentals

● ● ● ● ●

### Concepts

API Integration, Performance Optimization

● ● ● ● ●

### Frameworks & Tools

React, Node.js, Docker, Git, REST APIs

● ● ● ● ●

### Communication skills

*Ability to convey or share ideas and feelings effectively*

● ● ● ● ●

### Problem Solving

*Being able to analytically and creatively solve problems will come in handy no matter your job.*

● ● ● ● ●

## Certificates

### STL in C++

C++ templates support generic programming.

### React.js

HTML, CSS, JavaScript

### Docker

Docker, build, ship, and run distributed applications.

### Introduction to Front-End Development

Professional Certificate (Coursera), HTML, CSS, JavaScript

### Responsive Web Design

HTML, CSS, JavaScript

## Languages

**Arabic** — *Native Language*

**English** — *Expert*

## Projects

### Portfolio Website (In Progress) | HTML/CSS/JS, Node.js

[present](#)

Developing a responsive portfolio site with backend APIs and Dockerized deployment.

### HTTP Server | C++98

[2024](#)

- Built a multi-threaded server handling simultaneous requests, implementing HTTP protocol basics.
- Skills: System programming, socket management, concurrency.

### 3D Game Engine | C, MiniLibX

[2024](#)

- Developed a ray-casting-based 3D game with dynamic rendering, player movement, and collision detection.
- Skills: Graphics programming, mathematical optimization.

### Unix Shell | C

[2024](#)

- Created a shell with command parsing, signal handling, and process execution.
- Skills: System calls, inter-process communication.

### Fractal Generator | C++

[2023](#)

- Rendered Mandelbrot/Julia sets using complex algorithms for real-time visualization.
- Skills: Algorithm design, performance optimization.

### Hydrogen Production

*Chemical Plant*

Implemented a chemical plant that produces Hydrogen gas from crude glycerol.