

# Ahmed Alhalfa

## Full-Stack Developer

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### 👤 PROFILE

A Software engineer with 3+ years of experience in backend and frontend development and solid knowledge in DevOps practices, specializing in NodeJs and React. Proven expertise in building scalable systems, integrating with multiple eCommerce platforms, and delivering high-performance applications.

### 📁 WORK EXPERIENCE

#### Backend Developer

##### Juthor Platform

12/2021 – present  
Riyadh, Saudi Arabia

- Developed and maintained a scalable Node.js backend for a large-scale web application.
- Successfully integrated with major eCommerce platforms, including Salla, Zid, and Shopify.
- Designed and implemented a reporting system using DanfoJS and Mongo aggregation pipelines to generate complex reports in real time
- Developed a job processing system handling 1,000+ tasks per second using BullMQ.
- Automated testing reduced bugs by 30% using Apickli.
- Developed a logging service using Logtail for comprehensive error tracking.
- Implemented database migrations for safe schema updates
- Created a reconciliation system ensuring consistent data across multiple systems.
- Integrated the backend system with a payment gateway to enable secure payments

### 🎓 EDUCATION

#### Bachelor of Computer and Communications Engineering Mansoura University

03/2021  
Mansoura, Egypt

### 🧠 SKILLS

- Backend: Node.js, ExpressJS, SQL, NoSQL, Redis
- Frontend: Javascript, Typescript, React, Next.js, Tailwind, Sass/Scss
- DevOps: Docker, AWS, RabbitMQ, Nginx, Git, Microservices
- Testing and Automation: Mocha, Chai, Apickli
- Problem Solving, Data Structures and Algorithms

## PROJECTS

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### V-Profile

**Technologies:** Java, Spring Boot, MySQL, MongoDB, RabbitMQ, Memcached, Nginx, Docker, Jenkins, Ansible

- Developed a multi-tier application deployed using Docker containers


### React Jobs

**Technologies:** React, React Router, Tailwind

- Website 
- Developed a job listing platform where users can search and apply for jobs. Implemented full-stack features including user authentication and job posting.


### Expenses Tracker

**Technologies & Tools:** NextJS, Postgres SQL, Neon, Prisma, Clerk

- Website 
- Created a web application for tracking personal expenses. Features include user authentication and expense calculations.


### VirtualR Landing Page

**Technologies:** React, React-router, Tailwind

- Website 
- Designed and developed a responsive landing page for a virtual reality startup, focusing on modern UI/UX practices and cross-browser compatibility.


### Booking App

**Technologies & Tools:** NextJS, AppWrite, Tailwind

- Website 
- Built a full-stack booking application with user authentication, RESTful APIs, and a responsive React frontend.
- Implemented secure JWT-based authentication and CRUD operations.

### Gemini Clone

**Technologies & Tools:** React, React-Router, Google Generative AI SDK

- Website 
- Recreated the frontend of the Gemini using React and Google Generative AI SDK, focusing on responsive design and enhancing user experience with modern web technologies.

## CERTIFICATES

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- SQL (Basic) 
- SQL (intermediate) 
- API Designer 

## LANGUAGES

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**Arabic** — Native/Bilingual

**English** — Fluent