

David Samy

SOFTWARE ENGINEER

Cairo, Egypt

+20 1555012061 | davidsamiii97@gmail.com | [davidZakaria](https://www.linkedin.com/in/davidzakaria) | [david-zakaria](https://github.com/david-zakaria)

Summary

I'm a Software Engineer with 2+ year of experience and a strong problem-solving mindset for creating efficient, reliable, and secure Websites , applications. Looking for the next challenging opportunity to grow.

Skills

Programming Languages php, JavaScript, C#, HTML/CSS
Frameworks & Libraries Wordpress , Node.js, Express, Passport.js
Databases & Technologies Git, MongoDB, PostgreSQL, RabbitMQ, NodeMailer, Redis, MySQL, GitHub

Experience

New Jersey Developments

Cairo, Egypt

SOFTWARE ENGINEER

Mar.2023 - Now

- Led the development and ongoing maintenance of the company's primary website, <https://www.njdegyp.com/>, ensuring seamless user experience, functionality, and security. .
- Managed and updated content related to the company's projects and services, providing up-to-date information on property listings and corporate offerings.
- Integrated e-commerce features into the site, facilitating property sales and client interactions through a stream-lined online platform.
- Utilized WordPress to build, customize, and optimize website elements, improving both the front-end and back-end performance.
- Collaborated with cross-functional teams to ensure the website met business goals, user needs, and brand standards.

Freelancer

Cairo, Egypt

CONTRACT

Oct. 2022 - Feb.2023

- Specialized in building backend APIs using Node.js, Express, and MongoDB. My expertise extends to JavaScript, OAuth, JWT, and Google integration, allowing me to deliver tailored backend solutions for various projects.
- **Tech Stack:** Node.js, Express, OAuth, JWT, MongoDB, Redis, JavaScript, Nodemailer

The British University in Egypt

Cairo, Egypt

IT HELP DESK INTERN

Jul. 2019 - Aug. 2019

- Internship at The British University in Egypt's IT Help Desk involved adeptly resolving network and computer system issues, honing troubleshooting skills while contributing to the university's IT infrastructure.

Education

The British University

Cairo, Egypt

B.S. IN COMPUTER SCIENCE

2015 - 2019

- Relevant Courses: Algorithms, Data Structures, Computer Networking, Operating Systems, Syntax & Semantics of Programming Languages, Discrete Mathematics, Linear Algebra, Calculus I & II & III

Personal Projects

Navigation and Information System (Graduation Project)

UNITY, AUGMENTED REALITY(AR), C#

2019

- Developed a platform that is specifically aimed for programming teachers and students where users can create courses, upload lectures, invite students & other teachers and set project assignments to be handed in.

Car Rental Platform

GitHub

NODE.JS, JAVASCRIPT, EXPRESS, MONGODB, JWT AUTH, WINSTON

2022

- Designed and implemented a dynamic car rental platform, offering various services including car rentals, purchases, and comprehensive car listings to deliver an exceptional user experience.

Starbucks Clone

[GitHub](#)

NODE.JS, EXPRESS, MONGODB, JAVASCRIPT

2022

- Created a Starbucks clone project's backend, handling order processing and database management to replicate the coffeehouse experience.

Discord Music Bot

[GitHub](#)

NODE.JS, DISCORD API, EXPRESS

2023

- Created a Discord bot using yt-search, ytdl-core, and ytpl to search and extract audio from YouTube videos and playlists. This bot offers commands to play, pause, skip, resume, and leave voice channels, enhancing server interaction for users during calls with friends.

Blog

[GitHub](#)

NODE.JS, EXPRESS, GOOGLE OAUTH 2.0, MONGODB

2023

- Designed and implemented the backend for a blog creation and preview application, utilizing Node.js and MongoDB for data storage. Integrated user authentication through Passport and Google OAuth for a secure user experience, enabling bloggers to share their content.