

Hisham Sayed

NodeJS developer

-  Heshamsayed616@gmail.com  +201026367827  Cairo, Egypt  LinkedIn  GitHub
-  Portfolio

SUMMARY

Software Engineer with backend web development experience specializing in **Node.js**. Proven expertise in building scalable and secure RESTful APIs, coupled with strong **web security** skills and experience in **web penetration testing**. A quick learner with a focus on detail, consistently seeking new challenges to expand technical skills.

EXPERIENCE

- ByteMarkGrow - BMG**, *NodeJS, NestJS, ExpressJS, PostMan* 01/2023 – Present
- Worked as a freelance backend developer, supporting multiple projects for the company.
 - Built and maintained API endpoints and backend logic using Node.js, NestJS, and Express.js.
 - Assisted with bug fixing, performance optimization, and integration tasks to ensure smooth project delivery.

- Emtehanat.net**, *NodeJS, Laravel, MySQL, PHP, HTML, PostMan* 01/2020 – 12/2020
- Developed the backend logic for an online exam platform, handling exam creation, submission, and grading workflows.
 - Implemented secure APIs to manage communication between students and teachers.
 - Occasionally contributed to frontend development to integrate backend features and improve user interaction
 - Collaborated with the team to enhance system reliability, data accuracy, and anti-cheating tools.

PROJECTS

- SWCamper API**, *NodeJs, ExpressJs, and MongoDB* ↗
- Backend API for SWCamper application, a bootcamp for software courses directory
 - 3 types of user roles (publisher, user, admin) with different functionality for each.
 - Backend security uses token-based authentication & authorization using JWT
 - Uses MongoSanitize, Helmet, and XSS packages to sanitize Mongo inputs and add
 - Some security headers to prevent attacks like XSS.
 - For more details here is an Extensive documentation with examples [HERE](#).

- Store backend app NodeJS**, *NodeJs, ExpressJS, Postgress and Typescript* ↗
- Building APIs for all CRUD operations.
 - Uses TypeScript for development, and token-based authentication and authorization using JWT and the Jasmine framework to test functionality.

- Udagram app by Udacity**, *AWS, CircleCI, RDS, AWS S3 and Elastic Beanstalk* ↗
- Hosting a full stack Feeditem web application on Amazon web services AWS.
 - The project uses an AWS S3 bucket to host the frontend files
 - Deployed using CircleCI as the pipeline.
 - Database to Amazon Relational Database Service (RDS), and Backend to Elastic Beanstalk

SKILLS

- NodeJs
- ExpressJS & NestJS
- SQL & NoSQL (MongoDB)
- AWS (S3,RDS, Elastic Beanstalk)
- Version control (Git)
- Unit Testing and Integration Testing
- Microservices architecture
- TypeScript

EDUCATION

Bachelor of computers and information / FCAI

05/2020

Graduation Project / Faculty grading system using Blockchain Grade: A+

COURSES & CERTS

CS 253 Web Security, Stanford University

SANS SEC542

CompTIA Security +

Udacity scholarship by EgyptFWD / Advanced Full-Stack Web Development ↗

- Backend development with **NodeJS**.
- Creating an API with **PostgreSQL** and **ExpressJS**.
- Developing with **TypeScript**.
- Unit Testing with **Jasmine**.
- Configure and Document a **Pipeline**