

Hisham Sayed

NodeJS developer



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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**