Amr Gamal Eid

amr5179520@gmail.com | linkedin.com/in/amr-gamal | github.com/AmrGamaIN
+201200812638 | Cairo,EG

Summary

I'm **a Software Engineer** specializing in **Node.js** development with proficiency in various programming languages and industry-standard tools. Well-versed in domains like **e-commerce, finance, education and healthcare**, delivering scalable solutions and employing **agile** methodologies for effective collaboration.

Experience

Freelancer   Jun. 2024 - Now
Software Engineer || Back-end Node.js Developer

- Requirement Analysis: Worked closely with clients to gather and document system requirements, ensuring a thorough understanding of project goals and deliverables.

- System Design: Developed comprehensive system workflows and architectures, translating business requirements into scalable, efficient technical solutions.

- Backend Development: Engineered and implemented robust backend systems using Node.js, Express.js,Nest.js, and MongoDB, optimizing data management and API responsiveness.

- Frontend Integration: Contributed to building user-friendly interfaces, enhancing the user experience for diverse roles including admins, teachers, students, and clients.

- Deployment & Server Management: Deployed and maintained applications on Hostinger ensuring optimal performance, security, and HTTPS configurations.

Education

Bachelor's degree in computer science and information   Sept. 2018 – Jul. 2022
Faculty of Computers and Artificial Intelligence, Benha University

- Coursework: (Data Structures, Algorithms, Databases, Software Engineering, Operating Systems, ..., etc)

National Telecommunication Institute (NTI)

· **Frontend**: Web Design (HTML-CSS-JavaScript)**.**   **Backend**: Web Development(NodeJS)**.**

Projects

Alfa Aizoon School Website (*Live Demo* LINK)

- **An Educational platform** provides staff and student management, follows up with parents in WhatsApp, and includes tutorials of studies and lessons for the students including voice notes from teachers on each point of study. and provides an admin dashboard for managing students, teachers and the contents and the dashboard. experience for users**.**

- I have developed back-end Features and deployed the website on Hottinger VPS.

- Developed using **React, JavaScript, Node JS, Express, and MongoDB**

Mybudgetstuff website (*Live Demo* LINK) :

- A website for hiring people in many fields to UK clients.
- Restful API Manages the operations of data parts and reviews, user authentication, email automation, what's app contact and third-party integration with Calendly LINK.
- I have developed back-end Features , third-party integrations and deployed the website on Ionos VPS.
- Developed using React, JavaScript, Node JS, Express and MongoDB

Storefront-Backend API LINK:

- E-store Restful API Manages the operations of market products, users, and the selling process.
- Development: using JavaScript, TypeScript, Node JS, Express, JWT, Jasmin (Testing) and PostgreSQL.
- Deployment and CI/CD: Deployed applications using GitHub, integrated CircleCI pipelines for continuous integration and delivery, and managed hosting on AWS EC2 instances.

Fashion store website:
- An E-Store provides a range of features including intuitive product browsing, personalized recommendations, secure payment processing, checkout, and a reliable shopping experience for users.
- Developed using React, JavaScript, Node JS, Express and MongoDB.

Skills

Development:
· **Frontend**: HTML5, CSS3, Bootstrap, jQuery
· **Backend**: JavaScript, ES6, NodeJS, Express, typescript, Restful APIs, Algorithms, Data structures, OOP and ORM.
· **Deployment**: GitHub, Nginx VPS and background on (CI/CD, CircleCI, AWS EC2).
Databases: MongoDB and hands-on (SQL Server, MySQL and PostgreSQL).

knowledge: **basics** of **C#**(.net core, Entity Framework Core, and LINQ), Python, C++.

Tools: Postman, Git, GitHub, VS, VScode, Trello, Figma, SSMS, ChatGPT, Copilot.

Personal: Communication, Critical thinking, Presentation skills, Collaboration, Attention to detail, Problem-solving, Continuous learning, working under pressure, and passion to grow.

Languages: **Arabic** : Native, **English** : Very Good