MOHAMMAD ALMOHAMMAD

Backend Developer with experience in data science and algorithm development. Skilled in Javascript, Python, Java and SQL to create scalable and high-performance software systems. Passionate about solving complex problems and improving user experiences. Effective communicator with a proven track record of collaborating with cross-functional teams. Proudest accomplishment is developing a full fledged secure RESTful API for a food ordering and delivery web app

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TECHNICAL SKILLS

Languages: : Javascript, Typescript, Python, Java, C#, C, MATLAB.
Technologies: :HTML, CSS, Node.js, Express.js, OpenCV, Scikit-Learn, Tensorflow, Pytorch, Relational Databases (PostgresSQL, MYSQL), Non-Relational Databases (MongoDB), Jest, Passport.js, Docker, Google Firebase.
Other: : Git, Linux, Bash Scripting, Jupyter Notebooks, Microsoft Office.

TECHNICAL PROJECTS

Home-Taste   Github | Swagger Documentation
Developed a RESTful API for streamlined food ordering and delivery
- Environment: TypeScript, Express.js, MongoDB Atlas, Passport.js, Jest
- Designed and implemented cart endpoints, optimizing the user experience by enabling seamless order management
- Integrated secure Facebook authentication using Passport.js,enhancing user trust and simplifying login processes.
- Utilized TypeScript for robust code quality, improving maintainability and collaboration within the team.
- Embraced agile methodologies, fostering open communication and adaptability within the team.
- I learned to thrive in dynamic environments, adapting to continuous challenges. My role's precision in schema design and secure authentication underscored my commitment to quality. This project exemplifies my collaborative spirit and tech prowess in delivering impactful solutions.

Malaria Disease Diagnostics Tool Github
Developed a system that classifies whether a blood cell is infected with Malaria Disease.
- Environment: : Python using the OpenCV and the Scikit-Learn library, running in Jupyter Notebook
- Utilized OpenCV and the Scikit-learn libraries to develop a Python-based project for classifying over 6000 of
blood cell images as infected or non-infected using a random forest classifier, achieving an 83% accuracy rate. Developed project management skills while contributing to the success of the project

Awesome Todos Github
Developed a RESTful API for a to-do list web app with a React.js frontend.
- Environment : Express.js, Docker, Passport.js, React.js
- Designed and implemented a RESTful API using Node.js and Express.js.
- Integrated Google Authentication using Passport.js to enhance user security and simplify the login process.
- Implemented JWT (JSON Web Tokens) for secure user authentication, with tokens stored in HttpOnly cookies for improved security against web vulnerabilities.
- Utilized Docker for containerization, ensuring consistent deployment environments across development and production.

INTERNSHIPS

Backend Developer, Karabuk University   Github | Documentation (PDF)   07/2023 — 08/2023
- Built a secure RESTful API for a kids learning app with JWT authentication, and Google Firebase integration.
- Seamlessly Integrated Backend with Frontends: Integrated the backend API seamlessly with both a React-based web frontend and a Flutter-powered mobile app. This cross-platform accessibility will help in amplifying the app's reach and user engagement.

EDUCATION

Re:Coded, Online Immersive Bootcamp   03/2023 — 08/2023
- Graduated from a highly selective bootcamp with an acceptance rate of only 10%
- Backend Development Focused Bootcamp, Topics covered include: JavaScript, Node.js, Express.js, MongoDB, Authentication, Authorization, Web Sockets, Testing, Cloud Services, Docker..
- 5 months of project-based learning + coding, with 400+ hours of curriculum and a capstone project.

Karabuk University, Karabuk, Turkey | **GPA : 3.20**   09/2019 — 07/2024
- Bachelor Degree in Computer Engineering
- Relevant Courses: Algorithms, Data Structures, Object Oriented Programming, Database Systems, Introduction to Machine Learning, Parallel Programming

LANGUAGES

- Arabic (Native).
- English (Full Professional working proficiency).
- Turkish (Full Professional working proficiency).
- Japanese (Elementary proficiency).
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