Mohamed Bahaa

Computer Engineer

✉ mohamed.bahaa5300@gmail.com   📍 Saudi Arabia, Jeddah

📅 06/08/1999   🏳 American

EDUCATION

-Bachelor's degree   09/2018 – 02/2023
Arab Academy for Science, Technology and Maritime Transport   Alexandria, Egypt

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer   02/2024 – present
Tavearn Startup 🔗

Frontend:
- **Technologies**: Next.js, TypeScript, Ant Design, Axios.
- **Responsibilities**: Developed and optimized dynamic features across multiple pages, working in Agile sprints.
- **API Integration**: Data fetching and error handling implementation with Axios.
- **Code Quality**: Using reusable refactored components and common handlers.
- **UX/UI Improvements**: Ensured mobile and desktop compatibility, applying responsive design techniques.

Backend:
- **Technologies**: Django Rest Framework, Python.
- **Responsibilities**: Developed and maintained a robust REST API.
- **Documentation**: Created comprehensive API documentation.
- **Testing**: Executed unit and end-to-end tests to ensure application reliability.

PROJECTS

CTRL+PC
Developed a fully functional e-commerce website for selling PC components.
- The website was built with PHP, MySQL, and JavaScript, featuring a user-friendly interface. It includes a product search, reviews, and a blog with articles on PC components to enhance the customer experience.

Self-Parking Car
Developed a self-parking robotic car using a variety of sensors and actuators.
- Developed a self-parking robotic car for a graduation project using sensors and actuators like H-bridge, Raspberry Pi, servo, camera, ultrasonic sensor, and more. The car autonomously parks itself by perceiving its surroundings and controlling its movement, showcasing skills in engineering, programming, and electronics.

CERTIFICATES

- Meta Front-End Developer Professional Certificate
- Robotics Professional Certificate From AAST

LANGUAGES

English   ● ● ● ● ○   Arabic   ● ● ● ● ●