Ahmed Hany Boshra

Software Engineer

Detail-oriented Oracle APEX Developer with a solid background in web development, including front-end technologies (HTML, CSS, JavaScript) and back-end development using modern frameworks. Skilled in Oracle tools, SQL, PL/SQL, and open-source technologies. Open to any software engineering role and adaptable to various languages, frameworks, and tech stacks.

✉ ahmed.hany.boshra@gmail.com

📍 Cairo, Egypt

🔖 ahmed-hany-aou.github.io

🐙 github.com/Ahmed-Hany-Aou

📱 +20 1065232774

📅 21, March 2001

in linkedin.com/in/ahmed-hany-aou

🗎 wadha.up.railway.app/ (live production app)

EDUCATION

Dual Bachelor's Degrees in Computer Science
Arab Open University - The Open University (United Kingdom)

2019 - 2023

WORK EXPERIENCE

Software Engineer
Generation-C

01/2023 - Present

Achievements/Tasks

- Engineered comprehensive backend solutions using Oracle APEX, Oracle Database (SQL, PL/SQL), and Laravel, delivering scalable applications across multiple domains.
- Developed and managed a dual-platform Ticket Management System, building Oracle APEX components for Excel data integration into reports, dashboards, user login, and data cleaning workflows, while creating a Laravel RESTful API with CRUD operations, an intelligent search API based on real ticket numbers, and an interactive dashboard.
- Designed and implemented administrative screens in Oracle APEX to streamline management of user profiles, car information, and automated report generation, enhancing data accuracy and operational efficiency.
- Applied SOLID principles, OOP best practices, and unit testing to ensure the reliability, maintainability, and scalability of all delivered solutions.
- Contributed to other major projects, including e-commerce systems and school management systems, delivering stable and maintainable enhancements.
- Acquired strong full-stack experience across front-end (HTML, CSS, JavaScript, Bootstrap), back-end (PHP/Laravel), Oracle APEX, and Oracle Database, actively researching and solving technical challenges while contributing to team productivity.
- Collaborated effectively in Agile teams, using Git/GitHub for version control and participating in cross-functional discussions to support planning, execution, and problem-solving.

SKILLS

`Oracle DB` `MySQL` `Apex` `PL/SQL` `SQL` `MongoDB` `Python` `Java` `PHP` `Laravel` `HTML5` `CSS3` `Bootstrap` `JavaScript` `Linux` `Git` `GitHub` `RestfulAPIs` `jQuery` `Agile` `Jira` `XAMPP/MAMP` `PHPMyAdmin` `Postman` `Swagger`

PROJECTS

Shift Inc (Current) ⬈
- Contributed to the development and enhancement of the **Shift Inc web platform** using **Oracle APEX**, implementing UI improvements and backend logic updates.
- Collaborated with the engineering team to deliver ongoing feature updates, bug fixes, and UI/UX enhancements across multiple modules.
- Responsible for maintaining database objects, optimizing queries, and ensuring smooth integration between APEX pages and backend processes.
- Continuously involved in upcoming development tasks, contributing to both frontend and backend improvements within the APEX environment.
- Technologies:Oracle APEX, PL/SQL, SQL, JavaScript, HTML/CSS

wadha platform (10/2025 - 11/2025) ⬈
- Developed an interactive learning platform to teach programming fundamentals using **Laravel** for the backend and **React** for the frontend, delivering a smooth and responsive learning experience for beginner students.
- Implemented secure authentication, structured lesson flows, progress tracking, and student dashboards to support mentorship-based learning and mindset development.
- Built reusable React components and RESTful Laravel APIs to manage lessons, exercises, and real-time feedback, enabling students to practice debugging, exploration, and self-learning effectively.
- Technologies: Laravel, MySQL, Bootstrap, JavaScript, AJAX,railway.com,live production

Ticket Management System ⬈
- Developed a backend RESTful API to digitize and manage a manual Excel-based ticket tracking system, enabling CRUD operations and an interactive dashboard for streamlined ticket management.
- Implemented an intelligent search API allowing users to query tickets by their real-world reference numbers (from the ticket link) rather than internal database IDs, enhancing user experience and operational efficiency.
- *Technologies:* Laravel, MySQL, PHP, RESTful APIs , Postman, Git/GitHub

Webshop Product Management System ⬈
- **Developed a RESTful Product Management API** as a technical assignment for Al Dabboos Egypt, implementing full CRUD operations, token-based authentication, and a dynamic price adjustment algorithm. Enhanced with unit tests, standardized API responses, email notifications, and detailed API documentation.
- *Technologies:* Laravel, MySQL, PHP, RESTful APIs , Postman ,Swagger,PHPUnit , Git/GitHub