

Hassan Mohammed Barafah

Full Stack Web Developer

CONTACT

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EDUCATION

2021 - 2025

ALRAYAN UNIVERSITY

- Bachelor's Degree in Information Technology
- Honor's Degree with Distinction | GPA: 3.8/4.0

LANGUAGES

- Arabic-Native
- English – B2 (Upper Intermediate)

ACTIVITIES & INVOLVEMENT

- Founded a university tech club to promote coding, collaboration, and peer learning.
- Participated in tech and cybersecurity seminars to raise digital awareness.
- Contributed to open-source projects to strengthen practical skills.
- Mentored junior students in web development and AI.
- Organized coding workshops and technical events to enhance student engagement.

PROFILE SUMMARY

I'm an IT graduate with Honors (GPA 3.8/4.0), specializing in full-stack development and modern web technologies. I have strong skills in frontend engineering, UI/UX design, and secure system architecture. I've developed large-scale platforms in project management, healthcare, and transportation, aiming to build innovative, high-impact web solutions.

WORK EXPERIENCE

Full Stack Web Developer (Freelancer) | Remote

2023 - PRESENT

- Frontend Development: Build interactive, responsive, and accessible user interfaces using React.js, Next.js, and Tailwind CSS, applying advanced UI/UX principles to optimize performance across all devices and browsers.
- Backend Development: Develop secure and flexible server-side systems with Node.js, Express.js, and Laravel, integrating MySQL and MongoDB databases, RESTful APIs, JWT authentication, and role-based access control.
- Client Collaboration & Project Management: Engage clients at every stage—from requirements gathering and prototyping to implementation, deployment, and post-launch maintenance—ensuring clear communication, iterative feedback, and alignment with project goals.
- Deployment & Cloud Management: Manage hosting and deployment on cloud platforms like AWS, Vercel, and Netlify, implementing CI/CD pipelines to ensure reliability, scalability, and continuous updates.
- Advanced Features & Tools: Create dashboards, analytics systems, and advanced authentication mechanisms to help businesses monitor performance, manage users, and make data-driven decisions. Follow Clean Code practices and leverage Git/GitHub for version control and collaborative development.

Technologies & Tools: React.js, Next.js, Tailwind CSS, Node.js, Express.js, Laravel, MySQL, MongoDB, AWS, Vercel, Netlify, Git, GitHub, Figma, Adobe XD, CI/CD, REST APIs, JWT, Responsive & Adaptive Design, UI/UX Principles, Performance Optimization.

PROJECTS

1. Employee Performance Review System – Web Application (Laravel)

- A comprehensive web platform to assess employee performance across departments.
- Real-time feedback, alignment of goals, and data-driven evaluations.
- Developed by a 6-member Agile team.
- Technologies: PHP, Laravel, Laravel Breeze, MySQL, Vue.js, Tailwind CSS
- <https://github.com/HassanY1010/Employee-Performance-Review-System>

2. MedAI Consult

- AI-driven medical consultation platform with instant symptom analysis and appointment booking.
- Technologies: React 18, Vite, Tailwind CSS, Flask, SQLAlchemy, JWT, Scikit-learn
- <https://github.com/HassanY1010/MedAI-Consult>

3. Project Management Platform

- A modern project and task management system with performance analytics.
- Technologies: React, Tailwind CSS, Node.js, Express.js, MongoDB, JWT
- <https://github.com/HassanY1010/Project-Management-Platform>

4. Project Summary

- A full blog system with admin dashboard, likes, and statistics.
- Technologies: React.js, Next.js 15, TypeScript, Laravel, MySQL
- <https://github.com/HassanY1010/Project-Summary>

5. RideShare - Rapid Transportation Application

- A full-stack transportation app similar to Uber and Careem.
- Technologies: React, Flask, Tailwind CSS, shadcn/ui, Lucide React
- <https://github.com/HassanY1010/RideShare---Rapid-Transportation-Application>

6. School-Management-System

- A complete web system for managing a school, including:
- User management (Admin, Teacher, Student, Parent)
- Classrooms and subjects management AAttendance tracking
- Adding and viewing grades and exams
- Generating reports and statistics for students and teachers
- Sending real-time notifications to students and parents
- Technologies: Laravel 12 ,Tailwind CSS, MYSQL, Laravel Jetstream, Laravel Echo + Pusher ,Laravel Storage.
- <https://github.com/HassanY1010/School-Management-System>

TECHNICAL SKILLS

Frontend Development:

- Core Technologies: React.js (Hooks, Router, Context API), Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3.
- UI Frameworks & Tools: Tailwind CSS, Bootstrap, shadcn/ui, Lucide React, Framer Motion, Figma, Adobe XD.
- Design & UX: Responsive Design, Cross-Browser Compatibility, Accessibility (WCAG), UI/UX Principles, Pixel-perfect Figma to Code.
- State Management: Redux, Zustand, Recoil, Context API.
- Performance Optimization: Lazy Loading, Code Splitting, Memoization, Lighthouse Audits.
- Testing: Jest, React Testing Library, Cypress (E2E).

Backend & APIs

- Languages & Frameworks: Node.js, Express.js, PHP, Laravel, Flask, Python (FastAPI Basics).
- API Development: RESTful APIs, GraphQL, JSON, Axios/Fetch, Authentication (JWT, OAuth 2.0, Tokens), CORS & Secure API Integration.
- Architecture: MVC, Microservices, Monolithic, Clean Architecture.
- Security: Input Validation, Rate Limiting, Helmet.js, bcrypt, HTTPS Configuration.
- DevOps & Cloud: AWS (S3, EC2, Amplify, CloudFront), Docker, Nginx, PM2, CI/CD (GitHub Actions, GitLab CI).
- Build & Dev Tools: Vite, Webpack, Babel, ESLint, Prettier, Postman, Thunder Client.

Databases & Data Management

- Relational: MySQL, PostgreSQL, SQL Server, SQLite.
- NoSQL: MongoDB, Firebase Firestore.
- ORM/ODM: Mongoose, Prisma, Sequelize, Eloquent (Laravel).
- Database Design: Normalization, Indexing, Relations, Query Optimization.
- Caching & Performance: Redis, In-memory Caching, Pagination, Rate Limiting.

Authentication & Authorization

- JWT, Passport.js, OAuth 2.0, Firebase Auth, Laravel Sanctum & Passport, Role-Based Access Control (RBAC), Two-Factor Authentication (2FA).

AI & Automation

- Scikit-learn, Pandas, TF-IDF.
- AI Developer Tools: ChatGPT, GitHub Copilot, Codeium, Cursor AI.
- AI Integration in Web Apps: Chatbots, Recommendation Systems.

Mobile & Cross-Platform Development

- Flutter, React Native (Basics), Java (Android).

Cybersecurity

- Ethical Hacking, Metasploit, OWASP Top 10, Penetration Testing Basics, Secure Coding Practices.

Development & Collaboration Tools

- VS Code, npm/yarn, Chrome DevTools, Bash/CLI, Git, GitHub, GitLab, Jira, Notion, Trello.

CERTIFICATIONS & TECHNICAL TRAINING

- Responsive Web Design - FreeCodeCamp (300hrs)
 - Front-End Development Libraries - FreeCodeCamp (300hrs)
 - Back-End Development and APIs - FreeCodeCamp (300hrs)
 - Legacy Front-End - FreeCodeCamp (300hrs)
 - Science Computing with Python - FreeCodeCamp (300hrs)
 - College Algebra with Python - FreeCodeCamp (300hrs)
 - Data Visualization - FreeCodeCamp (300hrs)
 - Legacy Data Visualization - FreeCodeCamp (300hrs)
 - Legacy JavaScript Algorithms and Data Structure - FreeCodeCamp (300hrs)
 - Principles and Design of UI/UX - EDRAAK (5hrs)
 - Blog Website Design - EVET (24hrs)
 - Microsoft SQL Server Databases - EDRAAK (4hrs)
 - ICDL Certification – EDRAAK (32hrs)
 - Computer Network Principles - RWAQ (3hrs)
 - Computational Thinking - RWAQ (2hrs)
 - Computer Maintenance - EVET (14hrs)
 - Smart phone Maintenance - EVET (14hrs)
 - Smart phone Programming - EVET (14hrs)
 - Business Essentials - EDRAAK (6hrs)
 - English For the Workplace - EDRAAK (5hrs)
 - Introduction in Artificial Intelligence (AI) - EDRAAK (3hrs)
 - Introduction to Cybersecurity - EDRAAK (3hrs)
 - Cyber security Basics - EVET (10hrs)
 - Ethical Hacking - SASS (50hrs)
 - Penetration Testing with Metasploit - EVET (10hrs)
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