Fahd Stitou

Full Stack developer

As a software engineering student at 1337 Coding School, my focus is on full-stack development. Through the rigorous Common Core curriculum, I've gained extensive knowledge spanning web development, DevOps, system administration, networking, and Unix-like systems. With over 14 projects completed, I've showcased my expertise in these areas.

CONTACT ME

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EDUCATION

Software Engineering

UM6P - 1337 Coding school
2021 - Present

SKILLS

Programming languages

- C/C++
- Typescript/JS
- Python
- Html/CSS
- Shell scripting

Tools

- Docker
- Git and Github

Databases

- SQL/NoSQL

Web Development Frameworks

- Backend : NestJs, ExpressJs, Django
- Frontend : Reactjs, NextJs, Tailwind

LANGUAGES

Arabic : native

English : Advanced

French : intermediate

WORK EXPERIENCE

SCHOOL PROJECTS

multiplayer online game   *Oct 2023, Feb 2024*

- Designed and implemented a robust chat system using Socket.io, ensuring seamless communication during multiplayer Pong matches.
- Handled both the frontend (ReactJS, Tailwind CSS) and backend (NestJS, PostgreSQL) for chat functionality, providing a smooth and responsive user experience.
- Utilized Docker for containerization and deployment, enabling easy scalability and ensuring a secure, isolated environment for real-time communication.
- Wrote efficient Typescript and JavaScript code to handle real-time interactions, focusing on reducing latency and ensuring high availability in a multiplayer setting.

HTTP Web Server   *May 2023, june 2023*

- Implemented the logic for serving dynamic content, utilizing C++ and CGI scripts to handle client requests and deliver appropriate responses.
- Developed and integrated multiplexing techniques using Socket programming, ensuring efficient, non-blocking communication between multiple clients and the server.
- Contributed to the server's session management and cookie handling features, facilitating user interaction and maintaining state across requests.
- Utilized Shell scripting and Makefile for automating builds and server management.

SIDE PROJECTS

Thinkable Blog Platform   *May 2024, july 2024*

- Built and maintained the Blog Manager Application using Next.js for both frontend and backend, integrating features like blog management, real-time comments, and category-based filtering.
- Implemented GitHub OAuth for user authentication, restricting non-authenticated users to viewing-only mode and granting full CRUD capabilities to logged-in users.
- Developed a responsive, real-time commenting system using Next.js server-side features, allowing users to interact with blogs seamlessly.
- Managed data using PostgreSQL with Prisma ORM, ensuring efficient querying, data retrieval, and handling of blog posts, categories, and user comments.

Fitness Tracker App   *july 2024, Sep 2024*

- Developed a fitness tracker that logs workouts, tracks progress, and helps users set and manage personal fitness goals.
- Utilized Django for backend logic and MongoDB to store flexible workout data, enabling easy customization of workout plans.
- Built a user dashboard displaying workout analytics, with progress visualized through charts and graphs, showing trends and insights.
- Implemented a REST API secured by JWT authentication, supporting mobile and web interactions for logging workouts and tracking progress.