Tuba Aydin

Back-End Engineer

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WORK EXPERIENCE

Full Stack Developer

Cosmic Booking Engine, İstanbul

- Backend: Laravel 12, PHP 8.3+, MySQL 8. Also planning all database and backend.
- Frontend: Responsive desing in each page. Used React, Inertia.js, TailwindCSS, MUI.
- Authorization: spatie/laravel-permission (roles & permissions).
- Designed and developed secure backend APIs using Laravel (PHP) with role-based access control (Spatie) and RESTful best practices.
- Implemented advanced data handling features such as filtering, pagination, sorting applicable for large datasets.
- Built responsive single-page applications with React + Inertia.js, styled using MUI and Tailwind CSS for modern and consistent UI.

Autonomy Dep. Software Engineer *(Mandatory Internship)*

SAHA Robotics, *Bilisim Vadisi, Kocaeli*

- Worked with ROS (Robot Operating System) for robotics applications.
- Developed automation solutions for installation processes.
- Collaborated on software development tasks within the robotics domain.

Computer Vision Developer, *(Volutary Intership),*

SIMULAB, Yildiz Technical University, Istanbul

- Experience with computer vision technologies using OpenCV in Python.
- YOLO (You Only Look Once) for object detection.

YouTube Programming Videos

- Leetcode Algorithms questions solved with Python: https://www.youtube.com/watch?v=NFbSYaXyXPU&list=PLayFxDX9J_0Svo8nhhVOL9ou43hUJ2I1F

- JavaScript lessons for beginners: https://www.youtube.com/watch?v=ss4Xu3DdFiA&list=PLayFxDX9J_0QPdf4Kk1oKpq4Xh0ULCFmw

SKILLS

- **JavaScript**
- **TypeScript**
- **REST** API
- **MySQL, MongoDB**
- React
- **Node.js**
- TailwindCSS
- git Version Control System
- Docker
- PHP, Laravel, Inertia, Spatie

PROJECTS

NextLevel Foods Website, Nextjs14, Amazon AWS S3, SQLite, git, GitHub

https://github.com/tubaknr/NextLevelFood-Nextjs-FullStackWebApp

- Responsive Design: Created a fully responsive user interface to ensure smooth usability across all device types.
- Uploading recipes and images of meals: Users can upload their meal recipes and images.
- Web Security: Necessary libraries and input validations are used to ensure the absence of web security vulnerabilities such as XSS and SQL Injection.
- Database as SQLite and AWS S3: In development, the database is SQLite, in production, switched to AWS S3, to allow users to upload their images securely.

Twitter Full Stack Clone

Nextjs14, React, MongoDB, TailwindCSS, Prisma, NextAuth, git, GitHub

https://github.com/tubaknr/Twitter-Full-Stack-Clone-Nextjs-MongoDB-NextAuth-Tailwind-Prisma

- **Responsive Design with TailwindCSS:** Created a fully responsive user interface to ensure smooth usability across all device types.
- **Individual and editable user profiles**
- **Users & Posts Features:** Users can follow or unfollow other users and get notifications. Users can create, publish posts, and like, and comment to other posts
- **Database Integration with Prisma:** Managed database operations using PrismaClient, and utilized PrismaAdapter for seamless integration between Next.js and Prisma
- **Database with MongoDB Atlas:** Integrated MongoDB Atlas as the main database solution
- **Authentication with NextAuth:** Implemented authentication using NextAuth.js for custom email/password (Credentials Provider) authentication.
- **Version Control with Git & GitHub**

Netflix Full Stack Clone

Nextjs13, React, MongoDB, TailwindCSS, Prisma, NextAuth, git, GitHub

https://github.com/tubaknr/Netflix-Clone-Nextjs-MongoDB-Tailwind-Prisma-NextAuth

- **Responsive Design with TailwindCSS**: Developed a fully responsive user interface using TailwindCSS
- **Billboard & Movie Recommendations & Favorites Features:** Dynamic billboard section with auto-playing video content. Personalized movie recommendations enable users to add and remove movies from their favorites list.
- **Database Integration with Prisma:** Managed database operations using PrismaClient, and utilized PrismaAdapter for seamless integration between Next.js and Prisma
- **Database with MongoDB Atlas:** Integrated MongoDB Atlas as the main database solution
- **Secure Authentication with NextAuth**: Implemented authentication using NextAuth.js with multiple providers, including Google OAuth, GitHub OAuth, and custom email/password (Credentials Provider) authentication.
- **Interactive Movie Info**: Implemented hover-triggered info modals for quick access to movie details
- **Version Control with Git & GitHub**