Apply Pal Frontend Overview

Project : ApplyPal Website Development

Project Overview :

A platform designed to connect students with alumni through various interactive features. The project will consist of **60 pages** across multiple user roles : Student, Alumni, University admins, Employees and Super admins. We will use **Next.js** to ensure a fast, optimized, **SEO friendly** and scalable platform.

Scope of Work :

1. Implementation of 60 pages using Next.js , ensuring mobile responsive, optimized performance and a seamless user experience.
2. Integration of essential features such as Google Calendar, Stripe payments, file uploads and live chats.
3. Ensuring secure form validations, API interactions and user data protection.
4. Providing up to 3 weeks of support for minor adjustments.

Development Tools :

The project will be developed using the following technologies (*may need more*) :

a. **NEXT.JS :** *For server-side rendering, routing and performance optimization.*
b. **Tailwind CSS :** *For efficient, responsive styling.*
c. **Framer Motion :** *For animations.*
d. **React Router :** *For navigation.*
e. **React - Select:** *For dynamic filtering and selection.*
f. **Chart.js / ReCharts :** *For data visualization.*
g. **React Simple Maps + D3.js** : *For rendering world maps with proper data (traffic).*
h. **Stripe.js :** *For payment integration.*
i. **React Query :** *For handling API requests.*
j. **Day.js :** *For handling dates.*
k. **Node.js :** Google's V8 engine (server-side operations)

Estimated Timeline :

1. Initial development : 1.5 to 2 months (*may extend depending on the complexity*)
2. Post Delivery Support : 4 weeks for any required minor adjustments.

Payment Breakdown :

Total Amount	150,000 BDT / 4533.70 AED / 1234.54 USD
Per Page Rate	2,500 BDT / 75.56 AED / 20.58 USD (*60 Pages*)
Includes	Frontend development, testing, security and post delivery support.

Pricing Comparison :

Comparing 60 Page Frontend Development Costs to Market Standards

Item	Market Average (*Upwork*)	My Offer
Per Page Rate	$40-$100	$20.58
Total Cost	$2,400-$6000	$1234.54
Hourly Rate Estimate	$25-$50/hour	$3.86/hour
Project Duration	2.5-4 months(*typical*)	1.5-2 months
Include Features	Varies. Often cost extra	Included
Tools/Stack Used	Vaires	Modern Stack

Sources :

a. Upwork Frontend Developer Cost
b. Arc.dev Developer Rates
c. LanceBase Developer Rate Guide
d. Glassdoor Developer Rate Insights
e. Fiverr Developer Rates
f. TopTal Developer Rates
g. Freelance.com Developer Rates
h. Clutch.co Developer Rates
i. Stack Overflow Developer Survey

Conclusion :

The quoted cost reflects the depth, complexity and professional effort required to develop a scalable, high performance frontend for APPLY PAL. This project involves the implementation of advanced frontend features such as real time messaging, calendar integration, dynamic filtering , interactive data visualization and secure payment workflows , utilizing the modern development stack previously outlined. Considering the number of screens, the technologies and the need for strong performance ,UX and responsiveness, the pricing reflects the time, tools and expertise required to deliver this high quality platform. And as a developer, I am committed to delivering clean, scalable and maintainable code that reflects real world standards.

Best regards,

Md. Tafsirul Islam

Frontend Developer

tafsirulislam@nexcodeix.com

Co-founder of NexCodeix

Apply Pal Backend Overview

Project Overview :

The backend for ApplyPal will be developed using the **Django** web framework (*Python*) and **PostgreSQL** as the primary relational database, This backend will serve as the foundation for managing all core data, logic, authentication, user roles, permissions and integration points required to support a modern, scalable web application.

Scope of Work :

1. Development of a scalable backend using Python Django and PostgreSQL, structured to support high performance and secure data handling.
2. Integration of real time features including live chat and notifications using Django Channels.
3. Development of RESTful API layer using Django REST Framework to connect and power the frontend seamlessly.
4. Database schema design with clean relationships and future scalability in mind.
5. Configuration of secure Stripe payment workflows with transaction logging and verification.

6. Re-doing the whole structure for the previous backend

Development Tools :

The project will be developed using the following technologies (*may need more*)

a. **Python Django Framework:** *For rapid development and built in security feature.*
b. **PostgreSQL :** *For reliable data storage and complex queries.*
c. **Django REST Framework (DRF) :** *To create robust, secure and maintainable.*
d. **Django Channels :** To enable real time features such as live chat.
e. **Stripe API :** *Integration of payment processing.*
f. **Celery with Redis :** *For handling background tasks.*
g. **Docker :** *To ensure development, testing and production environments.*
h. **Git & GitHub :** *For version control and collaboration.*
i. **Postman :** *For testing API endpoints and reliable client server communication.*

j. **AWS**: *Hosting everything into AWS with EC2, S3, RDBMS etc.*

Estimated Timeline :

1. Initial Development : 1.5 to 2 months (*may extend depending on the complexity*)
2. Post Delivery Support : 4 weeks for any required *minor* adjustments.

Payment Breakdown :

Total Amount	26997.72 Lira / 2571.11 AED / 700 USD
Includes	Backend development using Python Django and PostgreSQL

Conclusion :

The backend development for this project will be carried out using the Python Django framework and PostgreSQL database, ensuring scalability, security and performance. The total cost for the backend development is 700 USD which covers the whole project's backend. This includes the setup, integration of essential backend functionalities, API interactions , data storage and any required optimizations. The backend will be thoroughly tested for security, performance and reliability.

Best regards,
Md. Suhaib Safwan
suhaib@nexcodeix.com
CEO of NexCodeix