Professional services

Dear Pixel Company.

It is a pleasure for me to address you with a concrete proposal for the development of the backend of your online project. Recognizing the fundamental importance of a robust and efficient infrastructure that supports the functionalities of your application and website, I am committed to offering you a comprehensive solution that ensures a robust and scalable backend, tailored to your specific requirements.

My focus is on providing a high quality service, ensuring that your project becomes a reality. I will be responsible for all backend updates and maintenance, allowing you to focus on the frontend development of your application. With my experience and technical knowledge, you can fully trust that your project will be in competent and dedicated hands.

To give you a clearer view of my experience in backend development, I invite you to review some of the previous projects I have carried out at the following link:devJocs.com

Attached to this message is a detailed proposal that specifically addresses your project needs. Please do not hesitate to contact me if you have any questions or would like to discuss your requirements further.

I look forward to the opportunity to collaborate with you and contribute to the success of your online project.

The following proposal is divided into three parts:
1. Backend Development Delivery
2. Cloud Infrastructure Delivery
3. Total

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Back-end development

1. Delivery

Includes:

- Server configuration and web hosting management.
- Development of the backend architecture, including the selection of the appropriate programming language and framework for the needs of the project.
- Implementation of authentication and authorization systems to ensure data security and proper access.
- Database security, data decryption management.
- Development of APIs (Application Programming Interfaces) to facilitate communication between the frontend and the backend, as well as to integrate external services.
- Management of business logic, including order processing, payments and other company-specific operations.
- Integration of analytics and tracking tools to monitor website performance and obtain insights into user behavior.
- Implementation of caching systems in edge locations and query optimization to improve website performance and loading speed globally.
- Setting up automatic backups and disaster recovery measures to ensure data availability and integrity.
- Development of an administrative panel, to know the status of the back end and other services.
- Integration of email systems to manage notifications.
- Configuring monitoring and alerting tools to proactively detect and resolve issues.
- Extensive backend testing to ensure stability, security, and performance before deployment to production.
- Security certificates.

Infrastructure

2. Delivery

Includes:

- Selecting and configuring a cloud infrastructure service provider (such as AWS, Google Cloud Platform, or Azure) to host the website backend.
- Configuring virtual server instances or containers to run backend software, ensuring sufficient resources are allocated to handle expected traffic.
- Configure virtual networks and security rules to restrict access to the backend and protect sensitive data.
- Implemented load balancers to distribute incoming traffic across multiple server instances and ensure website availability.
- Setting up cloud storage services to store static files, such as images and videos, as well as to back up critical data.
- Implementation of scalable and redundant databases to store and manage website data, ensuring the integrity and availability of information.
- Set up monitoring and logging systems to monitor backend performance, availability, and security, and to proactively detect and resolve issues.
- Configuring key management and encryption services to protect data at rest and in transit, ensuring the confidentiality and integrity of information.
- Implementation of disaster recovery systems and business continuity plans to minimize downtime and data loss in the event of system failures or natural disasters.

Initial Total

3. Total $3000

Professional services: one-time payment $2000

Cloud infrastructure in development: one-time payment $1000

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Final total

4. Total

Cloud infrastructure: Includes hosting and SSL certificates, the payment starts when the project is finished.
- **Monthly: $1200**

- **Annual: $5000**

Final Deliver

- Detailed documentation: Comprehensive documentation will be provided describing the backend architecture, including the infrastructure used, network configuration, and security rules.
- Access to cloud infrastructure: Access to the cloud service provider's management console will be provided to manage and monitor the infrastructure as necessary. Teaching about its use.
- Project source code and artifacts: All source code files, configuration scripts, infrastructure templates, configuration files and any other relevant artifacts used in the development and configuration of the backend will be delivered to the corresponding company github.
- Application Programming Interfaces (APIs): Detailed documentation will be provided on all APIs developed, including available endpoints, supported methods, input and output parameters, and any required authentication. (Swagger)
- Administrative panel: An administrative panel will be provided, with its respective access credentials and its operation will be explained.
- Configuration of monitoring and alerting tools: Configuration details of the monitoring and alerting tools used to monitor backend performance, availability, and security will be provided.
- Security certificates and compliance documents: All relevant security certificates, such as SSL certificates, will be provided, as well as any other compliance documents necessary to ensure data security and integrity.
- 1 month of free support, and training sets.

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To agree 100% with the web quote you must write your full name, ID and sign digitally or scanned.

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Bank Accounts

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IBAN BANK POPULAR ACCOUNT

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