



Novus Solutions

Scalable Web & Mobile Application Development

PS31: AI-Assisted Full-Stack Application Development Platform

Businesses require faster product deployment with minimal technical dependency. Develop an AI-assisted development platform that auto-generates scalable web and mobile application architecture. The system should provide smart UI/UX recommendations and performance optimization. It must include secure backend configuration and API management. The product should significantly reduce development time while ensuring scalability.

Expected Output:

A cloud-based development suite with code generation engine, UI builder, backend automation tools, and deployment manager.

Advanced Add-Ons:

Auto security testing, performance benchmarking tool, infrastructure auto-scaling module.

PS32: Self-Healing Application Performance Monitoring System

Application downtime leads to revenue loss and customer dissatisfaction. Build a self-healing monitoring system that detects performance bottlenecks and automatically optimizes server resources. The system should include predictive traffic analysis and load balancing automation. It must provide real-time alerts and root cause analytics. The product should enhance reliability and user experience.

Expected Output:

A monitoring dashboard with AI anomaly detection, auto-scaling engine, error tracking module, and uptime analytics reports.

Advanced Add-Ons:

User behavior heatmaps, AI-driven performance tuning, disaster recovery automation.

PS33: Enterprise-Grade Secure Application Framework

Startups often compromise on security while scaling rapidly. Develop a secure development framework that integrates authentication, encryption, role-based access control, and audit logging. The system should include automated vulnerability scanning and compliance checks. It must support modular scalability. The product should provide a strong foundation for secure enterprise applications.

Expected Output:

A deployable secure web framework with authentication module, encryption layer, security testing toolkit, and compliance monitoring dashboard.

Advanced Add-Ons:

Threat intelligence integration, API security gateway, zero-trust architecture support.