

Request for Proposal (RFP) Document

Executive Summary

The Education Network is seeking proposals from experienced development teams for a **Security Enhancement Development** project aimed at improving the security and functionality of our data analytics platform. The selected team will be responsible for developing and implementing advanced security measures to protect sensitive information and ensure compliance with industry standards. The project is expected to last for 24 months, with a team size of 5 professionals. The estimated budget for this initiative ranges from \$500,000 to \$1,000,000.

Project Overview

Objectives

- **Enhance Security:** Implement advanced security features to protect user data and maintain compliance with regulations.
- **Improve User Experience:** Ensure that the security enhancements do not hinder the platform's usability.
- **Scalability:** Develop a solution that can easily be scaled as user demand increases.

Deliverables

1. A comprehensive security assessment report.
2. Implementation of security measures, including but not limited to:
3. Enhanced user authentication and authorization protocols.
4. Data encryption solutions.
5. Continuous monitoring and alert systems.

6. Regular progress reports every month.
7. Final project report with documentation and future recommendations.

Milestones

- **Month 1:** Project kickoff and security assessment.
- **Month 3:** Completion of initial security implementation.
- **Month 6:** Mid-project review and adjustments.
- **Month 12:** First phase completion and user testing.
- **Month 24:** Final project review and delivery of all documentation.

Technical Requirements

Required Skills

- **Angular:** Advanced level expertise required.
- **Node.js:** Intermediate level; preferred certifications include AWS Certified Solutions Architect and Certified Kubernetes Administrator.
- **Kubernetes:** Advanced level expertise required; preferred certification is AWS Certified Solutions Architect.

Preferred Skills

- **Machine Learning:** Expert level; preferred certifications include Google Cloud Professional and AWS Certified Solutions Architect.
- **Microservices:** Expert level; preferred certifications include Google Cloud Professional.

Expected Team Profile

The ideal development team will consist of five professionals with the following profiles:

1. **Lead Developer (1):**
2. Expertise in Angular and Node.js.
3. Proven experience with Kubernetes.

4. Strong leadership and communication skills.

5. **Backend Developer (2):**

6. Proficient in Node.js and Kubernetes.

7. Experience in microservices architecture.

8. Knowledge of security best practices.

9. **Frontend Developer (1):**

10. Advanced skills in Angular.

11. Experience in creating secure web applications.

12. Familiarity with user experience design principles.

13. **Data Scientist/Machine Learning Engineer (1):**

14. Expert in machine learning algorithms and data analytics.

15. Familiar with security implications of data processing.

16. Knowledge of cloud services.

Timeline

- **Proposal Submission Deadline:** [Insert Date]
- **Final Selection of Team:** [Insert Date]
- **Project Start Date:** November 28, 2025
- **Project Duration:** 24 months

Budget

The estimated budget for this project ranges from **\$500,000 to \$1,000,000**. Proposals should include a detailed budget breakdown, including personnel costs, tools and technologies, and any other anticipated expenses.

Proposal Guidelines

Submission Process

Interested parties must submit a proposal that includes the following: - A cover letter expressing interest in the project. - Company profile and relevant experience. - Detailed project plan including timelines, milestones, and deliverables. - Profiles of team members who will be involved in the project. - Budget proposal and payment terms.

Evaluation Criteria

Proposals will be evaluated based on the following criteria: - Relevant experience and expertise of the team. - Quality and feasibility of the proposed solution. - Clarity and detail of the project plan. - Cost-effectiveness of the budget proposal. - References from previous clients.

Contact Information

For questions or further information, please contact:

Name: [Insert Contact Name]

Title: [Insert Title]

Email: [Insert Email Address]

Phone: [Insert Phone Number]

Proposal Submission Deadline: [Insert Date]

All proposals must be submitted electronically to the contact email above by the specified deadline.

We look forward to receiving your proposals and working together to enhance the security of our data analytics platform. Thank you for your interest in this project.