

Request for Proposal (RFP) - Data Analytics Platform Development

Executive Summary

The Education Network seeks proposals from experienced development teams to create a data analytics platform with robust API integration capabilities. This project aims to leverage machine learning to enhance educational outcomes through data-driven insights. The selected team will be responsible for the development and implementation of the platform over a period of 19 months, with a budget range of \$1M - \$2M.

Project Overview

- **Client:** Education Network
- **Project Type:** Machine Learning Implementation
- **Duration:** 19 months
- **Team Size:** 12 people
- **Budget Range:** \$1M - \$2M
- **Start Date:** January 23, 2026
- **Location:** Nairobi, Kenya
- **Remote Work:** Not allowed

Objectives

1. Develop a robust data analytics platform that integrates various educational data sources.
2. Implement advanced machine learning algorithms to facilitate predictive analytics.
3. Ensure the platform is scalable, secure, and user-friendly for educators and administrators.

Technical Requirements

The development team must possess the following technical skills and certifications:

- **AWS:** Advanced level (Preferred certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect)
- **Angular:** Advanced level (Preferred certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect)
- **Django:** Intermediate level (Preferred certifications: Google Cloud Professional, AWS Certified Solutions Architect)
- **PostgreSQL:** Expert level
- **TypeScript:** Expert level (Preferred)
- **Machine Learning:** Expert level (Preferred certifications: Certified Kubernetes Administrator, Google Cloud Professional)
- **Microservices:** Intermediate level (Preferred certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect)
- **React:** Advanced level

Expected Team Profile

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

1. **Project Manager:** Experienced in managing large-scale software projects with a focus on educational technology.
2. **Data Scientists:** Experts in machine learning with a strong background in educational data analytics.
3. **Backend Developers:** Proficient in Django, PostgreSQL, and microservices architecture.
4. **Frontend Developers:** Skilled in Angular and React, with experience in creating intuitive user interfaces.
5. **DevOps Engineer:** Responsible for infrastructure management and deployment on AWS, familiar with Kubernetes.
6. **Quality Assurance Engineers:** Focused on ensuring the product meets high-quality standards through rigorous testing.

Timeline

- **RFP Issuance Date:** [Insert Date]
- **Proposal Submission Deadline:** [Insert Date]
- **Proposal Review and Evaluation:** [Insert Date]
- **Contract Award:** [Insert Date]
- **Project Kick-off:** January 23, 2026
- **Phase 1 Completion:** [Insert Date]
- **Phase 2 Completion:** [Insert Date]
- **Final Delivery:** [Insert Date]

Budget

The budget for this project is estimated between \$1M and \$2M, depending on the proposed solutions and team composition. Detailed budget proposals should outline costs associated with personnel, technology, and any additional resources required.

Proposal Guidelines

Interested teams should submit a proposal that includes the following:

1. **Company Overview:** Brief description of the company, including previous relevant experience.
2. **Team Composition:** Detailed profiles of proposed team members, including their qualifications and relevant experience.
3. **Technical Approach:** Explanation of how the team plans to meet the project objectives and technical requirements.
4. **Project Timeline:** Proposed timeline for project milestones.
5. **Budget Breakdown:** Detailed budget proposal with cost estimates for each phase of the project.
6. **References:** At least three references from previous clients or projects.

Acceptance Criteria and Evaluation Process

Proposals will be evaluated based on the following criteria:

- Experience and expertise of the proposed team.

- Technical approach and understanding of project requirements.
- Cost-effectiveness of the proposal.
- Timeline feasibility and milestones.
- Quality of references and past project outcomes.

Contact Information

For any inquiries regarding this RFP, please contact:

Name: [Insert Contact Name]

Email: [Insert Contact Email]

Phone: [Insert Contact Phone Number]

Address: [Insert Address]

Proposal Submission Guidelines

All proposals must be submitted electronically in PDF format to [Insert Submission Email] by the proposal submission deadline. Late submissions will not be considered.

We look forward to your proposal and the possibility of working together to enhance educational outcomes through innovative data analytics solutions.