

Request for Proposal (RFP)

Executive Summary

Retail Solutions Ltd is seeking proposals from experienced development teams to create a robust Data Analytics Platform. This enterprise-level web application will focus on devops automation, enabling our organization to enhance operational efficiency and improve data-driven decision-making processes. The project is anticipated to last nine months, with a dedicated team of ten professionals. We are prepared to invest between \$500,000 and \$1,000,000 for this initiative.

Project Overview

The Data Analytics Platform aims to consolidate our data processing and analytics capabilities into a single, efficient application. We are looking for a skilled development team proficient in microservices architecture, cloud technologies, and various programming languages to deliver a high-performance solution that meets our business needs.

Objectives

- Develop a scalable and maintainable data analytics platform.
- Implement robust devops automation processes.
- Ensure high availability and performance through microservices architecture.
- Facilitate seamless integration with existing retail systems.

Technical Requirements

The following technical skills are required for the project:

- **Microservices:** Expert level (Preferred certifications: Certified Kubernetes Administrator, Google Cloud Professional)
- **PostgreSQL:** Intermediate level (Preferred certifications: AWS Certified Solutions Architect, Certified Kubernetes Administrator)
- **AWS:** Intermediate level
- **MongoDB:** Expert level (Preferred certifications: AWS Certified Solutions Architect)
- **JavaScript:** Advanced level (Preferred certifications: Certified Kubernetes Administrator)
- **Node.js:** Expert level (Preferred certifications: AWS Certified Solutions Architect)
- **TypeScript:** Expert level (Preferred certifications: AWS Certified Solutions Architect)
- **Angular:** Advanced level (Preferred certifications: Google Cloud Professional, Certified Kubernetes Administrator)

Expected Team Profile

We anticipate the following roles within the team:

1. **Project Manager:** Responsible for overall project coordination and communication.
2. **DevOps Engineer:** Focused on automating and optimizing development pipelines.
3. **Backend Developers (2):** Experts in Node.js, microservices, and database management.
4. **Frontend Developers (2):** Proficient in Angular and TypeScript to ensure a seamless user experience.
5. **Database Administrator:** Skilled in PostgreSQL and MongoDB for data management.
6. **Quality Assurance Engineer:** Ensuring the platform meets quality standards and requirements.
7. **UI/UX Designer:** Responsible for creating an intuitive and engaging user interface.

Timeline

- **Proposal Submission Deadline:** 2025-01-15
- **Proposal Evaluation:** 2025-01-20 to 2025-02-15
- **Team Selection:** 2025-02-20
- **Project Kickoff:** 2025-11-28
- **Project Duration:** 9 months (Completion by 2026-08-28)

Budget

The budget for this project is set between **\$500,000 and \$1,000,000**. Proposals should outline the cost breakdown, including hourly rates, estimated hours, and any additional expenses.

Proposal Guidelines

Proposals should include the following:

1. **Company Overview:** Brief description of your company, including relevant experience.
2. **Team Composition:** Detailed profiles of proposed team members, including their roles, experiences, and certifications.
3. **Project Approach:** Outline your proposed methodology for executing the project.
4. **Timeline and Milestones:** Detailed timeline with key milestones and deliverables.
5. **Budget Breakdown:** Comprehensive financial proposal.
6. **Acceptance Criteria:** Define how you will measure project success.

Acceptance Criteria

Proposals will be evaluated based on the following criteria:

- Relevant experience and expertise of the team members.
- Clarity and feasibility of the project approach.
- Budget alignment with project scope.
- Ability to meet project timelines and milestones.

Contact Information

For any questions or clarifications regarding this RFP, please contact:

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Position: Project Coordinator

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Proposal Submission

Please send your proposals via email to **RFP@retailsolutions.com** by the submission deadline of **2025-01-15**. We look forward to reviewing your submissions and potentially partnering on this exciting project.