

Request for Proposal (RFP)

Executive Summary

Manufacturing Plus is seeking proposals from experienced development teams to implement a robust Machine Learning solution integrated into an enterprise-level mobile application. Our goal is to enhance operational efficiency, improve decision-making processes, and provide our customers with cutting-edge technology that meets their needs. The project will span 13 months and will be executed in New Jodi, with remote work options available.

Project Overview

Project Title: Machine Learning Implementation Development

Client: Manufacturing Plus

Project Type: Mobile App Development

Duration: 13 months

Team Size: 3 people

Budget Range: \$500K - \$1M

Start Date: 2025-11-28

Location: New Jodi

Remote Work: Allowed

Technical Requirements

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

- **Java:** Advanced level
- **Preferred Certifications:** Certified Kubernetes Administrator, Google Cloud Professional

- **Kubernetes:** Advanced level
- Preferred Certifications: Google Cloud Professional, Certified Kubernetes Administrator
- **Angular:** Expert level (Preferred)
- Preferred Certifications: Google Cloud Professional, AWS Certified Solutions Architect
- **Django:** Advanced level
- **Microservices:** Intermediate level
- Preferred Certifications: AWS Certified Solutions Architect, Certified Kubernetes Administrator
- **MongoDB:** Expert level
- Preferred Certifications: AWS Certified Solutions Architect
- **DevOps:** Intermediate level (Preferred)
- **TypeScript:** Intermediate level
- **PostgreSQL:** Advanced level
- Preferred Certifications: Certified Kubernetes Administrator, AWS Certified Solutions Architect
- **Docker:** Intermediate level (Preferred)

Requirements

Expected Team Profile

The ideal team will consist of:

1. **Lead Developer:**
2. Proficient in Java and Kubernetes with extensive experience in mobile application development.
3. Strong leadership and communication skills.
4. **Backend Developer:**
5. Expertise in Django and Microservices architecture.
6. Experience with MongoDB and PostgreSQL databases.
7. **Frontend Developer:**
8. Skilled in Angular and TypeScript.

9. Familiarity with DevOps practices and Docker.

Timeline

- **RFP Release Date:** [Insert Date Here]
- **Proposal Submission Deadline:** [Insert Date Here]
- **Evaluation Period:** [Insert Date Here]
- **Team Selection:** [Insert Date Here]
- **Project Kickoff:** 2025-11-28
- **Milestones:**
 - Milestone 1: Requirement Analysis (Month 1)
 - Milestone 2: Prototype Development (Month 3)
 - Milestone 3: First Phase Deployment (Month 6)
 - Milestone 4: Final Testing & QA (Month 11)
 - Milestone 5: Project Delivery (Month 13)

Budget

The budget for this project ranges from \$500,000 to \$1,000,000. Proposals should include a detailed breakdown of costs associated with each phase of the project.

Proposal Guidelines

Interested parties must submit their proposals by the specified deadline. Proposals should include:

- Company background and relevant experience
- Detailed project approach and methodology
- Profiles of proposed team members
- Timeline and milestones for deliverables
- Detailed cost breakdown

Acceptance Criteria and Evaluation Process

Proposals will be evaluated based on the following criteria:

- Technical expertise and qualifications of the team
- Previous experience with similar projects
- Clarity and completeness of the proposal
- Cost-effectiveness
- Proposed timeline and milestones

Contact Information

For any inquiries regarding this RFP, please contact:

Name: [Contact Name]

Email: [Contact Email]

Phone: [Contact Phone Number]

Proposal Submission Guidelines

All proposals should be submitted electronically in PDF format to the contact email provided above no later than [Insert Deadline Here]. Late submissions will not be considered.

We look forward to your proposals and thank you for your interest in partnering with Manufacturing Plus.