

From: Kuldeep, Founder @ Metasolve

Re: Exclusive Pro Bono AI Project Opportunities

The Mission: Go Beyond the Classroom

Theory teaches you the 'what'. Real-world experience teaches you the 'how' and the 'why'. I'm a founder building AI tools to empower small businesses, and I'm looking for a small, dedicated team of talented students to help solve critical industry problems. This is more than a pro bono project; it's a remote, hands-on externship where you will be mentored directly by an industry professional, ship real work, and build a powerful piece for your portfolio that will stand out to future employers.

The Opportunity: What to Expect

- **Direct Mentorship:** Work alongside a founder with a background in running IT for startups.
- **Real-World Impact:** Your work won't be a simulation. You'll be building solutions for actual business challenges.
- **Team-Based Projects:** These challenges are designed to be tackled by collaborative teams of 2-3 students.
- **Flexible Commitment:** Expect a commitment of **5-10 hours per week**, designed to work around your class schedule.

The Projects: Choose Your Mission

Project 1: The AI Business Process Analyst

- **The Big Picture:** We are tackling a massive inefficiency in the service industry: the manual, time-consuming process of project estimation. By utilizing AI to automate and optimize this workflow, businesses can save thousands of hours and significantly enhance their profitability.
- **Your Team's Mission:** Become detectives and architects. You will analyze a core business process, map its data flows to find bottlenecks, and then design and prototype an AI-driven solution to automate it.
- **The Toolkit (Resume Keywords):** Business Process Analysis, Data Analysis & Modeling (Python/Pandas), AI for Business Logic, LLMs for data extraction, Prototyping & Solution Design.
- **What You'll Gain (Your Interview Story):**
 - **AI for Business Impact:** Go beyond theory to apply AI to a tangible business problem with a clear ROI. You can tell future employers, *"I designed a system to automate a process that saved a business X hours per week."*
 - **Sought-After Consulting Skills:** Gain foundational skills in business process analysis and re-engineering—learning how to dissect a problem and design a better system, a key skill in tech consulting and operations.

- **Product Management Fundamentals:** Practice translating a "fuzzy" business need into a clear technical specification and a functional prototype.

Project 2: The Conversational AI Developer

- **The Big Picture:** We're building a next-generation voice agent to act as an automated assistant for small businesses, helping them streamline their customer interactions and internal workflows.
- **Your Team's Mission:** Engineer the 'central nervous system' of a voice AI agent. You will integrate cutting-edge AI services for voice generation and connect them to various business systems (like booking platforms or calendars).
- **The Toolkit (Resume Keywords):** Generative Voice AI (ElevenLabs), Workflow Automation (n8n), REST APIs & Webhooks, System Integration, JSON Data Handling.
- **What You'll Gain (Your Interview Story):**
 - **Practical AI Application:** Implement state-of-the-art Generative Voice AI to create hyper-realistic conversations, a skill at the forefront of the industry.
 - **Full-Stack Integration Skills:** Master connecting different systems using APIs—the fundamental building block of modern software.
 - **Rapid Prototyping:** Use low-code platforms like n8n to build and deploy complex workflows rapidly, a massive advantage in the startup world.

Who We're Looking For

This opportunity is ideal for 3rd and 4th-year students in **Data Science, Computer Science**, or related fields. While technical skills are important, we are primarily looking for these four traits:

1. **Self-Starters:** You take initiative and are driven to find solutions independently.
2. **Deep Curiosity:** You ask thoughtful questions to truly understand the problem.
3. **Creative Problem-Solvers:** You enjoy tackling complex challenges where the answer isn't obvious.
4. **Coachable & Collaborative:** You can give and receive feedback constructively as part of a team.

Next Steps

If you are ready to apply your skills to a real-world challenge, please express your interest through the form provided by Aman. I look forward to seeing what we can build together.