Tradrly PFE Projects

2026

Innovative Projects. Real Impact. Transforming Ideas into Reality.

🌐 tradrly.net   📅 Duration: 4-6 months

About Tradrly

Tradrly

Tradrly is an innovative startup based in Mahdia, Tunisia, dedicated to transforming visionary ideas into cutting-edge AI-powered products. We specialize in delivering bespoke applications across web, mobile, and artificial intelligence technologies.

Our Mission

Driving digital transformation for businesses globally through innovative AI solutions that create real impact.

Key Specializations

AI-Powered Products
Intelligent solutions leveraging machine learning and data science

Mobile Development
Cross-platform mobile applications for iOS and Android

Web Technologies
Modern web applications with responsive design

Digital Transformation
Strategic implementation of digital technologies

Our Core Values

At Tradrly, our operations are guided by these fundamental values that foster a dynamic and productive environment:

Innovation

We are committed to pushing the boundaries of technology, constantly seeking new and creative solutions to complex challenges.

Transparency

We believe in fostering open communication and clear processes, ensuring clarity in all our interactions.

Collaboration

We work as true partners, both with our clients and within our team, to achieve shared goals and maximize impact.

Excellence

We strive for technical excellence in every project, delivering solutions that consistently exceed expectations.

Continuous Learning

We are dedicated to ongoing growth and skill development, encouraging our team members to expand their expertise and adapt to evolving technological landscapes.

Values Integration

Our core values are integrated into every aspect of our operations, from project planning to delivery, ensuring they guide our decisions and actions.

Why Work With Tradrly

Undertaking a PFE (Projet de Fin d'Études) at Tradrly offers a unique and enriching experience for students. Here's why you should consider joining us:

Hands-on Mentorship

Benefit from direct guidance by industry experts who will provide practical insights and professional guidance in your chosen field.

Real-world Projects

Contribute to impactful projects that leverage cutting-edge AI, mobile, and web development technologies to solve real-world challenges.

Dynamic Startup Environment

Be part of a fast-growing startup that is actively redefining the future of technology, fostering innovation and creativity.

Professional Growth

Develop your technical skills and professional capabilities through challenging projects and continuous learning opportunities.

"As part of a dynamic and fast-growing startup, students become integral to a team that is actively redefining the future of technology."

Project Portfolio Overview

Discover a diverse range of innovative PFE projects for 2026-2027, carefully designed to align with cutting-edge technological domains and student career aspirations.

AI & Data Science

Intelligent systems leveraging machine learning and data analytics.

- 2 Data Scientists
- 4-6 months

Embedded Systems & 3D

Interactive systems with 3D development and hardware integration.

- 2 Engineers, 2 Developer
- 4-6 months

Mobile & IoT

Smart mobile applications with IoT connectivity and integration.

- 2 Mobile Developer
- 4-6 months

Marketing & AI Strategy

AI-powered healthcare solutions with marketing strategy integration.

- 2 Marketing Specialists
- 4-6 months

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Duration: 4-6 months

5 Innovative Projects

AI & Data Science Projects

BodyVision AI
Project #1

An intelligent fitness analysis system that scans users via QR code, generates a 3D model of their physique, and provides personalized fitness and nutrition plans.

- QR Code Scanning
- 3D Body Modeling
- Nutrition Planning

Duration: 4-6 months

Team: 2 Data Scientists

VirtuCoach
Project #2

AI-powered virtual trainer with lifelike avatars, motion recognition, and real-time feedback for personalized fitness sessions.

- Lifelike Avatars
- Motion Recognition
- Real-time Feedback

Duration: 4-6 months

Team: 2 Data Scientists

Did you know? Both projects leverage advanced AI algorithms to create personalized experiences and track user progress over time.

Embedded Systems & 3D Development

📅 4-6 months

SmartMirror X

Interactive AI fitness mirror

Transform your home workout with SmartMirror X, an interactive AI fitness mirror that provides real-time coaching and integrates with your smart home.

👥 **Team**
2 Embedded Systems Engineers, 1 Unity 3D Developer

Interactive Experience
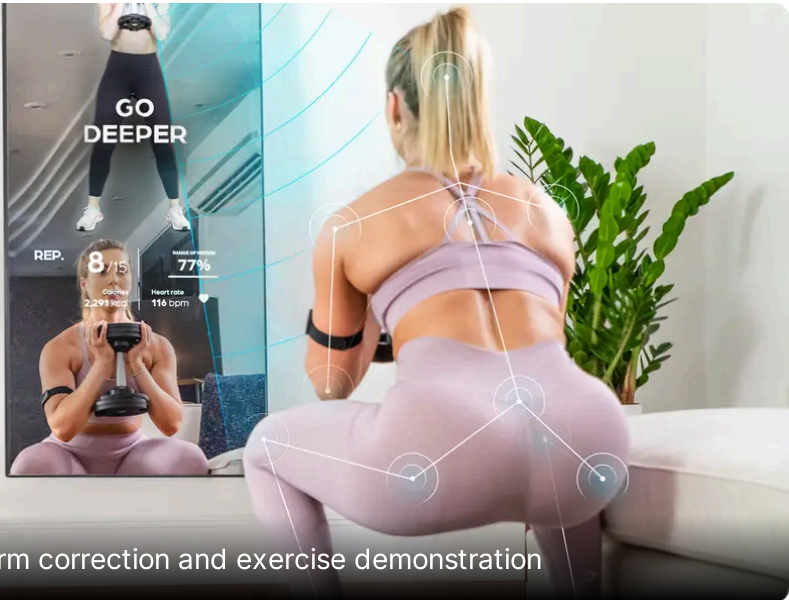
AI-powered form correction and exercise demonstration

Key Features

📷 Motion Tracking

💬 Real-time Coaching

🏠 Smart Home Integration

📈 Performance Analytics

Technologies

▦ Embedded Systems

📦 Unity 3D

</> C#

🥽 3D Modeling

Mobile & IoT Development

FitConnect
Project #4

A smart mobile app integrating VirtuCoach and SmartMirror X, tracking performance, metrics, and progress.

🕐 Duration: 4-6 months   👥 Team: 2 Mobile Developer

⚛ React Native

▱ Node.js

Integration Ecosystem

VirtuCoach
AI Virtual Trainer

FitConnect
Mobile Integration App

SmartMirror X
Interactive Fitness Mirror

Key Features

Performance Tracking
Monitor and analyze fitness metrics in real-time

User Progress
Track personal progress over time

Cross-Platform Sync
Seamless integration with other devices

AI Insights
Personalized recommendations based on data

DevOps & Infrastructure

DevOps Intern

`Remote / Hybrid`   `Internship`

Join the DevOps team to design and implement the cloud infrastructure supporting an integrated IoT and mobile application ecosystem. You will work on deploying scalable services on AWS, setting up CI/CD pipelines, managing containerized environments, and ensuring high system reliability and security.

🏢 Department: DevOps   👥 Team Size: 1 Developer

Project Integration

This role is ideal for someone passionate about automation, cloud architecture, and modern DevOps tools. You will build infrastructure that supports:

📱 FitConnect App   🏃 VirtuCoach

SmartMirror X

☁️ DevOps & Infrastructure

✅ Requirements

AWS Services
Knowledge of EC2, S3, Lambda, IoT Core, RDS

CI/CD Pipelines
Experience with GitHub Actions, Jenkins, or AWS CodePipeline

Docker & Kubernetes
Familiarity with containerization and orchestration

Infrastructure as Code
Understanding of Terraform or CloudFormation

Linux System Administration
Strong foundation in Linux systems

Marketing & AI Strategy

TABIB (MediLink AI)
AI-powered healthcare app connecting users with doctors

Project Overview

AI-Powered Symptom Analysis
Intelligent system that analyzes user symptoms and connects them with appropriate medical professionals

Doctor Connection
Platform that facilitates connection between patients and healthcare providers based on location and specialty

Marketing Strategy
Brand awareness campaigns and digital marketing initiatives to reach target audiences

Duration
4-6 months

Team
2 Marketing Specialists

Key Features

Symptom Checker
AI-powered tool for preliminary symptom assessment

Appointment Scheduling
Streamlined process for booking medical appointments

Medication Reminders
Smart notifications for medication management

Marketing Analytics
Insights-driven campaigns for user engagement

AI, Healthcare, Marketing

Application Process

Ready to apply for a PFE project at Tradrly? Follow these simple steps to submit your application and join our innovative team.

Visit Our Website

Go to **tradrly.net/careers** to access our official application portal.

Browse Projects

Review available PFE projects to find one that matches your interests and skills.

Prepare Application

Create your resume and cover letter, then select your preferred project by number.

Submit Application

Complete the application form and submit it through our portal.

🏆 What Happens Next?

Application Review : We review all submissions and shortlist candidates.

Interview : Selected candidates will be invited for a brief interview.

Contact : Only shortlisted candidates will be contacted for further discussions.

Project Assignment : Successful candidates will be assigned to their chosen project.