



2026

# PFE BOOK

# 2026

Smart Code. Real Impact.  
**100% Remote Internships**



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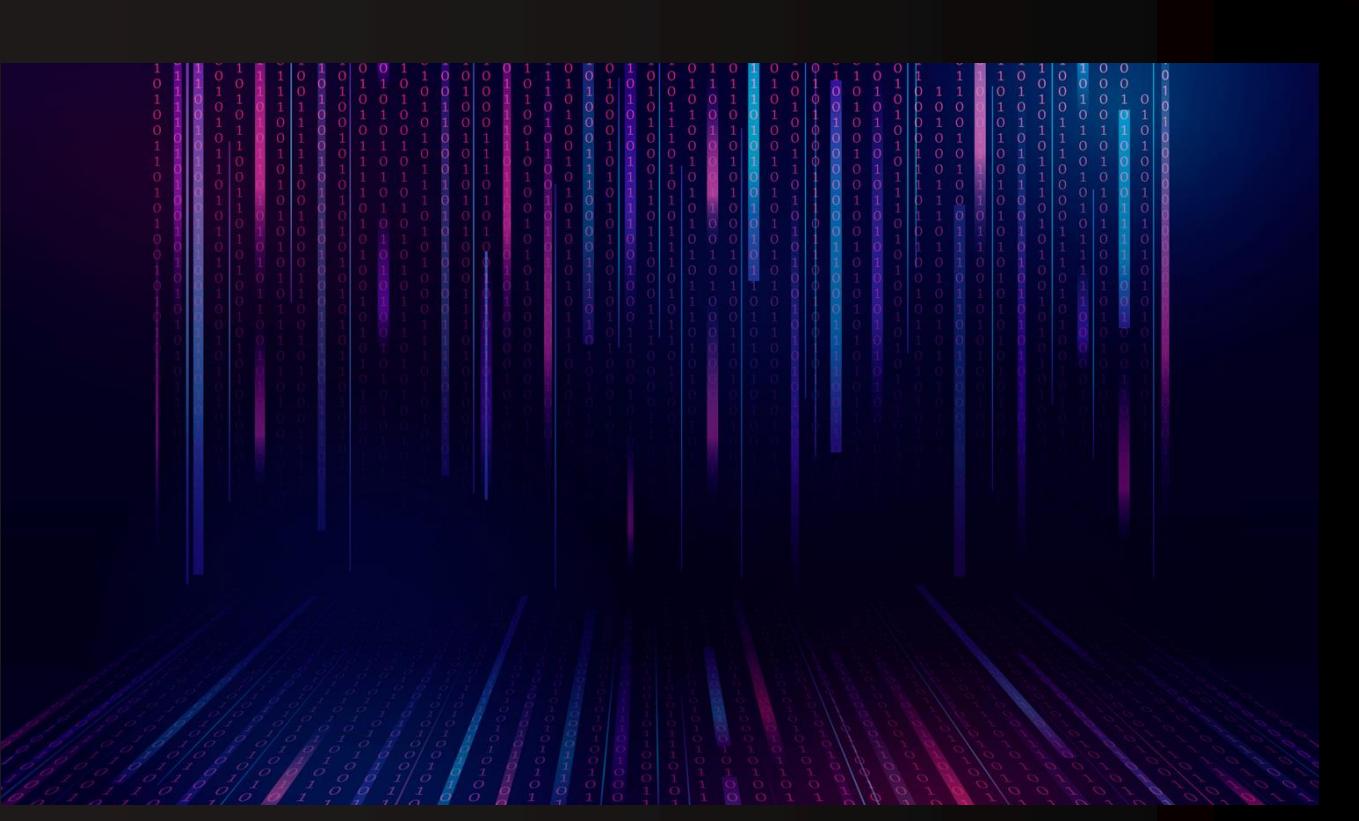
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# ABOUT US

# ABOUT US



DotJCom Ltd is a **British** tech startup specializing in Artificial Intelligence, Software Development, and Digital Transformation.

Founded in 2025, DotJCom's mission is to create intelligent, accessible, and sustainable digital solutions that make a real social and economic impact.

We design and build technology that improves daily life from smart healthcare systems to intelligent educational tools and enterprise management platforms.



128 City Road, London, United Kingdom

# Our Key Values:

## Innovation

Pioneering smart technologies for real-world challenges

## Creativity

Building digital solutions that combine art and technology

## Collaboration

Encouraging teamwork and cross-disciplinary learning

## Impact

Technology with a purpose

# HOW TO APPLY

**Applying for your PFE Internship 2026 at DotJCom is simple:**



**Fill out the  
Application Form**

**CV  
Screening**

**Interview  
Meetings(3)**

**Confirmation  
Emails**

# HOW TO APPLY



## APPLICATION FORM

[Apply online via our official form](#)



## CV Screening

Our team will review applications to identify the best matches for each project.

# HOW TO APPLY



## INTERVIEW

Selected candidates will be invited to participate in an online interview process conducted by our team of mentors and founders.

Selected candidates will undergo a 3-stage online interview :

- 1- HR (30 min): Background, motivation, and project interest.
- 2- Technical (1 hr): Skills in Java, Spring Boot, VueJS, AI, Blockchain; may include coding.
- 3- CEO & Co-Founders (45 min): Alignment with DotJCom's vision and innovation mindset.

**Outcome : Successful candidates receive an official confirmation with internship details.**

# INTERNSHIP OPPORTUNITIES

# HEALTHCARE PROJECTS



## 101. Coma Room Management System

An intelligent platform that monitors and manages patients in coma rooms in real time.

It collects and analyzes vital data using AI algorithms to assist medical staff.

The system improves response time and enhances patient safety through predictive alerts.

It integrates seamlessly with hospital databases for accurate data tracking.

Aimed at revolutionizing intensive care management through smart technology.

- ⚙️ • Skills : Python, TensorFlow, OpenCV, FastAPI, Flutter ...
- ⌚ • Duration: 6-8 month
- 👤 • Number of trainees : 2

# HEALTHCARE PROJECTS



## 102. Post-Operation Follow-Up App

A mobile application connecting doctors and patients for post-surgery monitoring.

It tracks recovery progress, medication reminders, and health parameters.

The app uses AI to detect abnormal patterns and alert healthcare providers instantly.

Patients can communicate securely with doctors and access personalized advice.

This solution ensures continuous care and boosts recovery efficiency.

-  • Skills: Flutter, Firebase, Node.js
-  • Duration: 4-6
-  • Number of trainees : 1

## 201. Educational & Interactive Chatbot

An AI-based chatbot that helps students learn interactively through games and quizzes.

It offers personalized lessons and practice tests adapted to each student's level.

The chatbot uses natural language processing to answer academic questions accurately.

It makes studying more engaging and accessible for students worldwide.

Designed to merge learning with fun using artificial intelligence.

 • Skills: Python, NLP, Rasa ,React Node.js mongo DB

 • Duration: 4-6

 • Number of trainees : 2

# EDUCATION PROJECTS



## 202.PFE Management System

A complete digital platform to manage end-of-study projects in universities.

It connects students, supervisors, and companies for better collaboration and tracking.

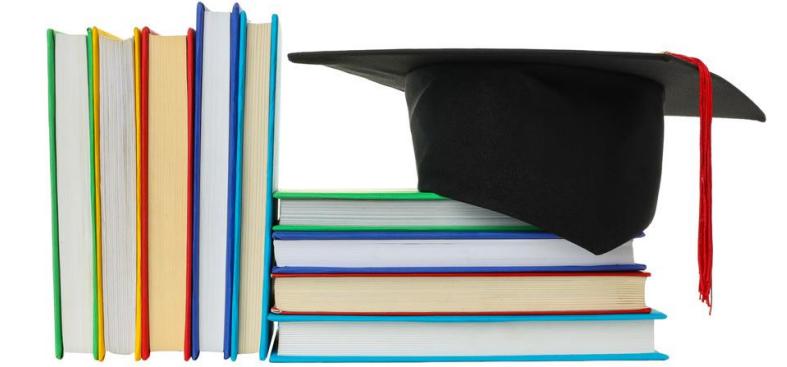
The system handles project submissions, evaluations, and deadlines automatically.

It provides dashboards and reports to monitor progress efficiently.

This platform simplifies academic project management for all stakeholders.

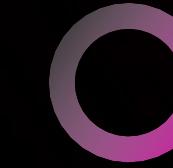
-  • Skills: Spring boot , Angular
-  • Duration: 4-6
-  • Number of trainees : 1-2

# EDUCATION PROJECTS



# DotJCom Internal Projects

# DotJCom Internal Projects



## 302. HR & Internship Management System

A system to manage HR data, employee records, and internship programs.

It automates attendance tracking, contract management, and performance reviews.

Supervisors can assign tasks, evaluate interns, and generate reports easily.

The platform ensures data security and simplified HR operations.

A smart HR solution designed for scalability and efficiency.



- Skills: React Node.js mongo DB



- Duration: 4-6



- Number of trainees : 1

# DotJCom Internal Projects



## 303. Project Management Module

A comprehensive solution to plan, track, and evaluate projects within DotJCom.

It offers real-time dashboards, task assignments, and progress tracking tools.

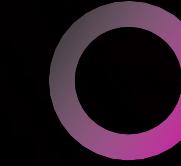
Teams can collaborate remotely with clear visibility on goals and deadlines.

The system integrates notifications and productivity analytics.

Ideal for managing complex workflows in a remote environment.

-  • Skills:
-  • Duration: 4-6
-  • Number of trainees : 2

# DotJCom Internal Projects



## 304. Client & Billing Management (CRM)

A CRM platform to manage client relationships, invoices, and payments.

It centralizes customer interactions and financial transactions in one dashboard.

Automated billing and payment tracking simplify accounting processes.

The system includes analytics for client retention and revenue growth.

It ensures smoother communication and transparency with clients.

-  • Skills:
-  • Duration: 4-6
-  • Number of trainees : 1

# We Are Waiting For You!

At DotJCom, we believe in creating Smart Code. Real Impact.

Join our team of innovators in Information Technologies, Programming, and Artificial Intelligence.