WHY UPTECH ?

Real-World Impact

13 enterprise projects solving actual business problems

Career Launch

Portfolio building + permanent position opportunities

AI/ML Expertise

40+ integrated features for modern tech skills

Expert Mentorship

Learn from senior engineers and tech leads

What We're Building
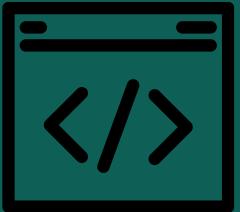
DEVELOPMENT PROJECTS

IOT PROJECTS

RFID
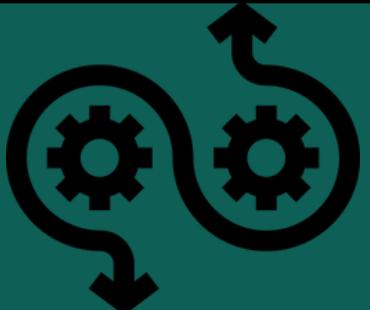
CLOUD/DEVOPS PROJECTS

IT OPS PROJECTS

DATA PROJECTS

UI/UX PROJECTS

UI/UX

Project DEV-01

Technical Intervention Management Platform

Design and develop a centralized web platform that enables companies to manage technical interventions (maintenance, installation, support) efficiently. Features include request tracking, intervention scheduling, administrator and technician interfaces, status management, activity reports, and notification integration.

Keywords

Java, Spring Boot, REST API , TypeScript, Angular ,MySQL, PostgreSQL

Project DEV-02

Internal Performance Monitoring and Analysis Portal

Create a comprehensive web application that enables enterprises to monitor and analyze internal performance through key indicators (tasks completed, deadlines, team productivity, etc.). The solution provides interactive dashboards, dynamic reports, and automated alerts to support data-driven decision-making.

Keywords

Java, Spring Boot, REST API , TypeScript, Angular, Chart.js, ngx-charts , PostgreSQL

Project DEV-03

Internal Performance Monitoring and Analysis Portal

Design and develop a centralized web application to manage all operations in a call center. The platform enables agent management (scheduling, performance, availability), call handling (inbound/outbound), client and ticket tracking, real-time performance reporting, call analysis (average response time, satisfaction rate), and supervisor dashboards. The system includes internal chat messaging between agents and supervisors, and supports report export in multiple formats.

Keywords

Java, Spring Boot, REST API, Spring Security, Keycloak , TypeScript, Angular , MySQL, PostgreSQL ,Swagger, Docker, Git

Project DEV-04

Knowledge Management System for Training Centers & Coaching Experts

Design and develop an intelligent knowledge management and learning platform specifically tailored for training centers and coaching experts. The system enables instructors to create, organize, and deliver training content; allows learners to access personalized learning paths; and provides analytics to track progress and learning outcomes. Advanced AI features include personalized course recommendations, intelligent tutoring assistance, and automated content summarization.

Keywords

Knowledge Management & Content Library, Personalized Learning Paths, AI-Powered Coaching & Tutoring, Progress Tracking

Project IOT-01

Real-Time Stock Management Using RFID Technology

Design an intelligent automated stock management solution leveraging RFID technology and Machine Learning. The system provides real-time product tracking via RFID tags and readers connected to a backend, develops a comprehensive inventory management platform, integrates ML models for stock level forecasting and anomaly detection (theft, errors, over-consumption), and delivers an interactive dashboard for stock visualization, alerts, and predictions.

Keywords

Java, Spring Boot, REST API, TypeScript, Angular, MySQL, Python, scikit-learn, TensorFlow, RFID readers and tags

Project DEVOPS-01

GitOps Continuous Delivery Platform on Kubernetes

Design and implement a complete DevOps ecosystem on an on-premises Kubernetes cluster. Build an integrated GitOps-based continuous delivery platform that automates software deployment, manages infrastructure configurations, provides service mesh capabilities, and implements comprehensive monitoring and observability solutions.

Keywords

Kubernetes , Docker, GitLab CI/CD, Argo CD, Kustomize, Istio, Prometheus, Grafana, HashiCorp Vault

Project ITSM-01

Advanced ITSM Platform with Knowledge Management

Deploy and configure a smart ticketing system that learns from past problems. When support staff logs a new incident, the system automatically finds similar past cases and shows the solution. All solutions are captured in a knowledge base with dashboards showing performance metrics. Integrate with monitoring for automatic ticket creation.

Keywords

GLPI, Wiki.js, Python, PostgreSQL, Apache Kafka, scikit-learn, Flask, FastAPI, Prometheus, Grafana, Docker, CI/CD

Project ITSM-02

Advanced Monitoring System with Prometheus, Grafana, and Analytics

Build a real-time system that watches infrastructure 24/7 and alerts when problems happen. Collect metrics from servers, logs from applications, and traces through services. Use intelligent alerting to reduce false alarms and automatically create tickets in the service desk system. Stream metrics and logs to the analytics platform.

Keywords

Java/Spring Boot, TS/Angular/React Native, PostgreSQL/MongoDB, Kafka/WebSockets.

Project DATA-01

IT Operations Data Analytics

Build a comprehensive data analytics platform that transforms raw IT operational data into actionable insights. Collect data from ITSM and monitoring systems, apply machine learning techniques to identify patterns, predict incidents, and recommend optimizations. Create interactive dashboards and reports to help IT teams make data-driven decisions.

Keywords

Apache Spark, Data Lake, Python, pandas, NumPy, scikit-learn, TensorFlow, Apache Kafka, PostgreSQL

Project DATA-02

Data Collection Application for Market Research & Opinion Polling

Develop a comprehensive intelligent data collection platform designed specifically for market research firms and opinion polling organizations. The system enables organizations to conduct surveys, collect responses across multiple channels (online, mobile, SMS), manage respondents, and analyze data in real-time. Advanced analytics and ML algorithms provide insights into response patterns, sentiment analysis, and predictive modeling for market trends.

Keywords

Apache Spark, Data Lake, Python, pandas, NumPy, scikit-learn, TensorFlow, Apache Kafka, PostgreSQL

Project UI/UX-01

UI/UX Design Suite: Creating Modern and Responsive Web Interfaces

This project focuses on developing a web and mobile application to create modern, intuitive, and responsive UI/UX designs for a company's web portal. It aims to streamline UI/UX design, prototyping, and user experience optimization to improve efficiency and decision-making.

Keywords

Skilled UI/UX Designer proficient in Figma/Adobe XD, responsive design, prototyping, user testing, and accessibility standards.

Project UI/UX-02

Design and Branding Suite: Enhancing Visual Identity and Market Presence

This project involves developing a web and mobile application to enhance a company's visual identity and market presence, streamlining brand design, marketing collateral creation, and brand consistency management for better efficiency and decision-making.

Keywords

Graphic Designer , proficient in Adobe Creative Suite, specializing in brand management, marketing strategy, and consistent digital/print media design.