

Qartis  
Technologies  
Internship Book



# About Qartis

Qartis is a digital solutions company born in Tunisia, specializing in developing high-impact mobile applications and websites.

Thanks to our deep understanding of the local market and our global expertise, we meet your needs with precision and professionalism.

We understand you perfectly, and you can rely on us to confidently, quickly, and with high quality transform your vision into reality.

03

## Integrity

We operate with transparency and honesty, and we are always committed to doing what is right with complete integrity and responsibility.

02

## Excellence

We are committed to excellence in every aspect of our work, from code quality to effective communication with clients.

01

## Innovation

We foster innovation by pushing boundaries and delivering advanced technological solutions that create real impact and measurable value.



# How To Apply

You should follow these following steps

## Step 1 :

Chose a project from this pdf

## Step 2 :

Fill the form in [qartis.tn/internship](https://qartis.tn/internship)  
and attach the necessary  
documents



## Keep in mind that

- The internship is unpaid
- The deadline of applying is **25/01/2026**
- The internship will be conducted in a hybrid format.



# Project 1

## QARTIS UNIFIED PLATFORM

2 interns: 1 Full-Stack / 1 Flutter



### PROJECT DESCRIPTION

Qartis Tech is seeking a motivated and talented interns to contribute to the design and development of Qartis Unified Platform, an innovative management platform aimed at optimizing the coordination, tracking, and evaluation of working programs within the company.

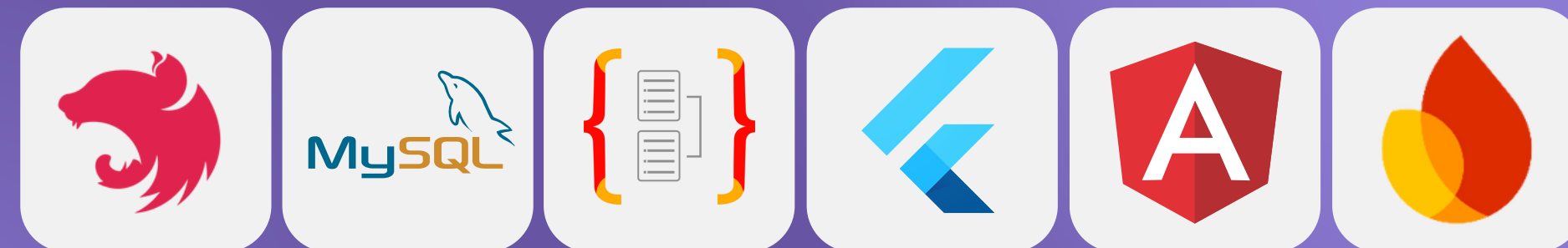
### REQUIRED SKILLS & QUALIFICATIONS

- Currently enrolled in a Bachelor's/Master's in Computer Science, Software Engineering, or related field (final-year PFE candidates strongly preferred)
- Strong proficiency in TypeScript and Angular
- Experience integrating & refactoring legacy codebases
- Solid knowledge of modern CSS (Tailwind preferred) and animations (GSAP/Three.js a plus)
- Familiarity with NestJS or similar Node.js frameworks
- Understanding of authentication, role-based access, and relational databases
- Mandatory: Proficiency in Git/GitHub (branching, PRs, code reviews – especially important for legacy integration)
- Mandatory: Experience using Jira for task/sprint management
- Interest in developer experience (DX), internal tooling, modern web animations, and unified platforms
- Good problem-solving, documentation, and communication skills

### KEY RESPONSIBILITIES

- Public Corporate Website (Open Access)
- SEO-optimized with fast loading and Core Web Vitals compliance
- Internship Management Hub (Authenticated – Interns, Mentors, Admins)
- Integration & modernization of existing old Intern Hub code (projects, roles, tasks, time tracking, dashboards, reminders, notifications, email broadcasting)
- Qartis Biblio – Internal Developer Library (Authenticated – Developers & Admins)
- Contribution workflow with review & approval
- Shared & Cross-Cutting Features
- Flutter application with all features

### REQUIRED TECHNOLOGIES & TOOLS



# Project 2

## AUTOPARTS PRO – ADVANCED E-COMMERCE PLATFORM WITH INTEGRATED ERP FOR AUTO PARTS



1 Intern: 1 Full-Stack

### PROJECT DESCRIPTION

AutoParts Pro is a modern, high-performance e-commerce solution dedicated to the sale and management of automotive spare parts (cars, motorcycles, trucks). The platform combines a visually stunning, animation-rich frontend designed to deliver an exceptional user experience with a robust backend integrating a full ERP (Enterprise Resource Planning) system to handle inventory, procurement, sales, suppliers, customers, and internal operations efficiently.

### REQUIRED SKILLS & QUALIFICATIONS

- Enrolled in a Bachelor's/Master's in Computer Science, Software Engineering, or related field (final-year PFE candidates preferred)
- Strong proficiency in TypeScript and Angular
- Solid understanding of modern CSS (Tailwind experience is a plus)
- Knowledge of animations and performance optimization in web applications
- Experience with Spring or similar backend frameworks
- Familiarity with relational databases and complex queries
- Mandatory: Proficiency in Git/GitHub (branching, PRs, code reviews)
- Mandatory: Experience using Jira for task and sprint management
- Interest in e-commerce and ERP systems
- Good problem-solving skills and attention to detail

### KEY RESPONSIBILITIES

#### Public E-Commerce Frontend

- Advanced, responsive and animated design with hero sections, parallax effects, featured categories carousel, promotional banners, and trending products showcase
- Ultra-fast product search with autocomplete, filters (brand, model, year, category, compatibility), and instant results
- Animated shopping cart (fly-to-cart effect), wishlist, and quick view modals
- Seamless checkout process with multiple payment gateways and address autocomplete
- User accounts with order history, saved vehicles, and personalized recommendations

#### ERP Administration Dashboard

- Complete inventory management: real-time stock levels, low-stock alerts, batch/serial tracking
- Product catalog management with variants, attributes (OEM numbers, cross-references), and bulk import/export
- Supplier and purchase order management with Role-based access control
- Sales order processing, invoice generation, and shipment tracking
- Customer management (B2C and B2B with custom pricing)
- Warehouse operations: locations, picking lists, barcode support
- Basic financial module: expenses, revenues, profit reports
- Advanced analytics and reporting dashboards (sales trends, best-sellers, stock turnover)

### REQUIRED TECHNOLOGIES & TOOLS





# Project 3

## REELSTATE – MODERN REAL ESTATE PLATFORM



2 interns: 1 Full-Stack / 1 Flutter

### PROJECT DESCRIPTION

ReelState is a modern, intuitive real estate platform that connects buyers, sellers, renters, and real estate professionals in a seamless, engaging digital experience. The application allows users to list, search, browse, inquire about, and transact properties (houses, apartments, villas, commercial spaces, land) with rich visual content, smart filters, and efficient communication tools.

### REQUIRED SKILLS & QUALIFICATIONS

- Currently enrolled in a Bachelor's/Master's in Computer Science, Software Engineering, or related field (final-year PFE candidates strongly preferred)
- Strong proficiency in TypeScript and Angular
- Experience with Flutter (Dart) is a strong plus (training can be provided if motivated)
- Solid understanding of responsive design and modern CSS (Tailwind experience appreciated)
- Familiarity with Spring or similar backend frameworks
- Knowledge of REST APIs, authentication, and real-time features
- Mandatory: Proficiency in Git/GitHub (branching, pull requests, code reviews)
- Mandatory: Experience using Jira for task and sprint management
- Interest in UX/UI, real estate domain, and building user-friendly applications
- Good sense of design and attention to user experience details
- Strong problem-solving and communication skills

### KEY RESPONSIBILITIES

#### Public-Facing Platform (Web & Mobile)

- Beautiful, animated homepage, fully responsive and mobile-optimized experience
- Advanced property search with smart autocomplete, multiple filters
- Interactive map view with property pins and cluster visualization
- Rich property detail pages: high-resolution photo gallery with swipe/zoom, virtual tours (360° or video), floor plans, detailed description, amenities checklist, nearby points of interest
- Save/favorite properties, saved searches with email alerts for new matches
- Direct contact options: in-app messaging, call button, schedule visit request form
- User accounts: buyer/renter profile, seller/agent dashboard for managing listings
- Property comparison tool and mortgage/loan calculator widget
- Multilingual support (English, French, Arabic)

#### Listing & Management Features

- Easy property listing wizard (step-by-step form with progress indicator) with status tracking
- Photo and video upload with drag-and-drop and preview
- Agent/agency profiles with listings portfolio and reviews
- Listing promotion options (featured, highlighted)

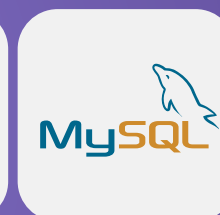
#### Additional User-Friendly Features

- Smart recommendations with reviews and ratings system
- Push notifications (mobile) for new messages, price drops, new matches
- SEO-optimized pages and fast loading performance

#### Admin Dashboard





- Manage users, listings, reports, and content using moderation tools
- Analytics: platform usage, popular searches, conversion rates

### REQUIRED TECHNOLOGIES & TOOLS



# Contact Us



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