



KEY SOFTWARE

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PFE Opportunities 2024

EMPOWERING TOMORROW'S
INNOVATORS

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Who We Are

Key Software is a leading provider of innovative tech solutions, specializing in delivering high-quality software development, IT services, and digital transformation projects.

Our Mission

To empower businesses with tailored technology solutions while fostering the next generation of tech talent through hands-on learning and mentorship.

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Why Join Us?

- Work on cutting-edge projects with real-world impact.
- Collaborate with a talented and supportive team.
- Gain expertise in top-tier technologies and methodologies.



Our Values

Innovation | Collaboration | Excellence



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Project Categories

Explore Opportunities in:

- *Software Development*
- *UI/UX Design*
- *Digital Marketing*
- *Quality Assurance (QA)*



Project 1

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Psychotechnical Assessment Platform

Tech Stack: PHP Laravel, Angular

Description: Enhance the assessment platform by incorporating psychotechnical tests to evaluate candidates' cognitive abilities.

Key Features:

- Question bank for psychotechnical evaluations.
- Automated scoring and results analysis.
- Integration with existing assessments.

Project 2

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Automated Assessments Platform

Tech Stack: PHP Laravel, Angular

Description: Develop a platform to automate the assessment process, streamlining the creation, delivery, and evaluation of tests.

Key Features:

- Create and manage custom assessments.
- Match candidates with assessments.
- Dashboard for monitoring test performance and candidate analytics.

Project 3

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Helpdesk Ticketing System

Tech Stack: Java Spring Boot, Angular

Description: Streamline IT support requests through an efficient ticketing platform.

Key Features:

- Ticket lifecycle management.
- Prioritization and deadline settings.
- Dashboard and notifications.

Project 4

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Road Cadastre System

Tech Stack: Jmix Framework, GeoTools, PostGIS

Description: Develop a road cadastre system to manage and visualize detailed information about road infrastructure.

Key Features:

- Geospatial data management and visualization.
- Integration with GIS tools for map rendering and analysis.
- Functionality for road classification, maintenance tracking, and reporting.

Project 5

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Digital Marketing

Tech Stack: Social Media Platforms, SEO Tools, Analytics Software

Description: Build and execute a comprehensive digital marketing strategy to increase brand visibility and lead generation.

Key Features:

- Content creation and management.
- Campaign tracking and performance optimization.
- SEO and paid advertising strategies.

Project 6

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UI/UX

Tech Stack: Figma, Adobe Photoshop, Adobe Illustrator, HTML, CSS

Description: Design and enhance user interfaces and experiences for Key Software's digital platforms.

Key Features:

- Conduct user research and usability testing.
- Create wireframes, prototypes, and design mockups.
- Ensure responsiveness and accessibility across devices.

Project 7

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Quality Assurance (QA)

Tech Stack: Selenium, JUnit, PHPUnit, Jasmine, Postman

Description: Develop and execute comprehensive testing plans to ensure the quality, performance, and reliability of software solutions.

Key Features:

- Functional and non-functional testing.
- Automation of repetitive test cases.
- Bug tracking and reporting.
- Performance and stress testing.



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