SAY “HELLO" TO REDEV, WE ENJOY THE DIGITAL REVOLUTION

INTRODUCING REDEV TO NEW CANDIDATES

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WHO WE ARE?

Redev Technology is a fast-growing company providing technology transfer and high-tech, tailored solutions and products for the digitization of the Enterprises and Industries. Through the development of advanced software platforms we help our customers bridging their gap to get fully digital. We enable focus is to enhance the digital transformation process adding “AI-based intelligence” to new and existing platforms.

ENABLING DIGITAL THROUGH AI

WHAT WE DO?

Redev provides highly specialized services and software platforms for:

- Edge Connectivity (I-IoT) and Computing (Edge-AI)
- Cognitive Computing
- Image, Audio and Numeric Analysis
- Hyper-scale IoT and Data Platforms
- IoT Cyber-security solutions (IoT) – Through our dedicated company

WHY TRUSTING US?

We’ve worked with multi-billion Euro companies and we’ve delivered successful projects since 2016.

Our team has a two decades of international experience in delivering highly complex software projects across the globe.

Market Focus

Who we deal with:

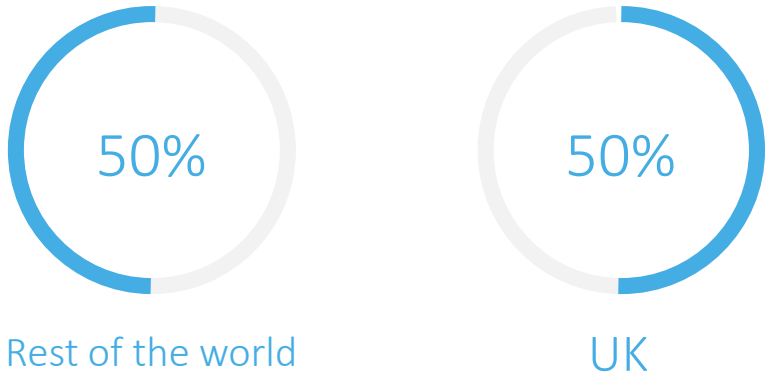
- UTILITIES, ENERGY & OIL & GAS COMPANIES
- INDUSTRIES AND MANUFACTURING COMPANIES
- AIRLINES, RAILWAYS AND TRANSPORTATION
- ENGINEERING COMPANIES

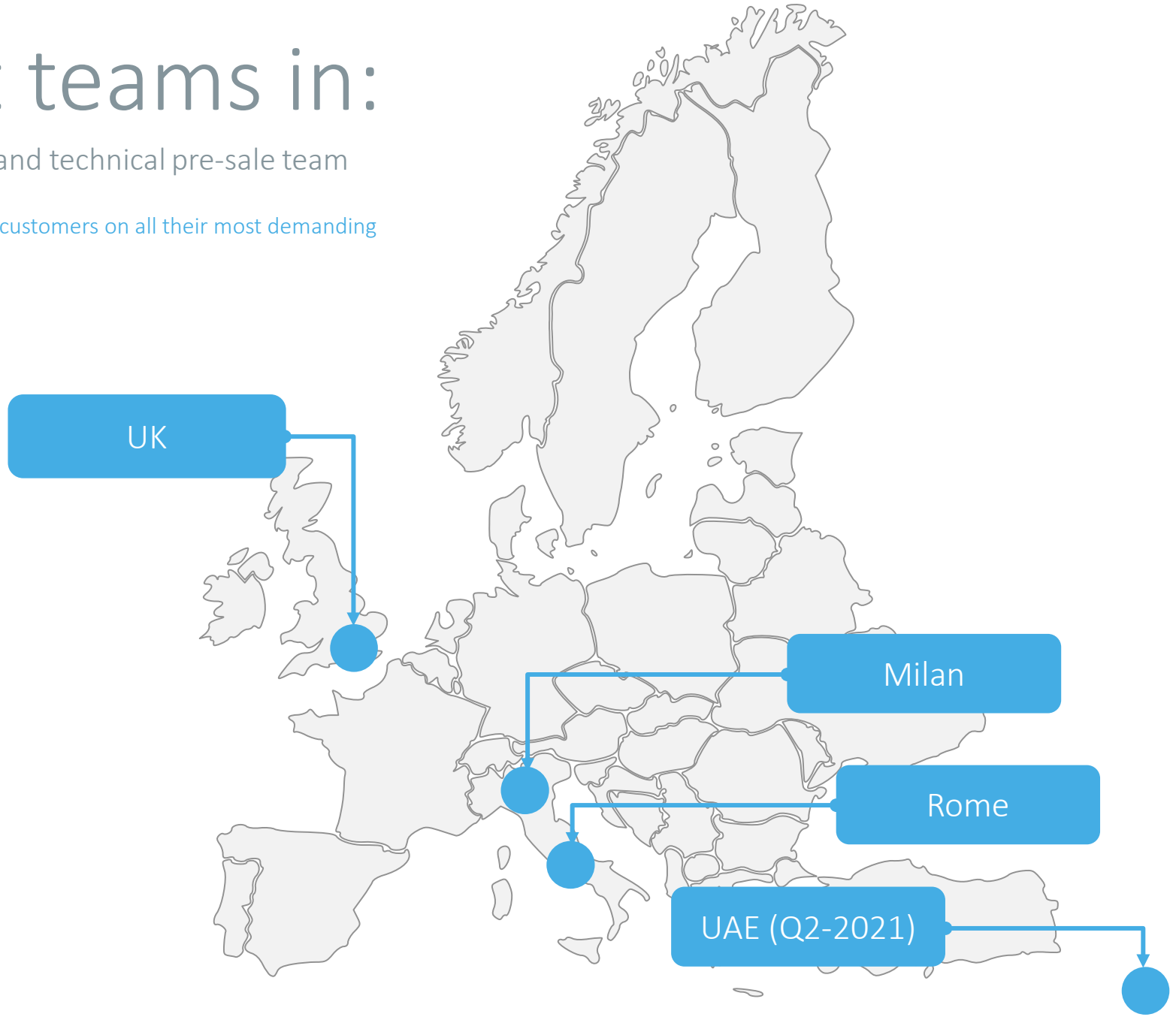
We have support teams in:

We are present in multiple cities with our support and technical pre-sale team

We daily recruit a world class engineering team able to support our customers on all their most demanding developments. Our team is spread across Europe.

Where our team is located:





Our Technology Transfer (TT) models

1. WE DEVELOP A TECHNOLOGY
2. WE TAILOR THAT TECHNOLOGY
3. WE INTEGRATE THAT TECHNOLOGY
4. WE HELP CUSTOMERS OWNING IT
5. WE RUN OPERATIONS OF YOUR TECHNOLOGY

Our Consulting Services

Four pillars where we operate:

ENTERPRISE CLOUD-NATIVE PLATFORM DEVELOPMENT

- Amazon AWS / Microsoft Azure / Google Cloud / IBM Bluemix consulting on solutions design, development and roll out
- New Hyper-scale Data Platforms design and implementation (BigData/HTAP)
- AI and Machine Learning consulting, providing design and implementation of Algorithms and platforms for:
    - Anomaly Detection
    - Predictive Analytics
    - Condition Monitoring
    - Data Discovery
    - Cognitive Computing (DL/RL)
    - Generative Computing (GANs)

INFRASTRUCTURE DESIGN AND IMPLEMENTATION

- Design and Implementation of custom made, cloud-native, distributed software platforms.
- Design and implementation of auto-provisioning, massively scalable infrastructure made by engineers with a long experience with distributed systems and microservice-based architectures.

DIGITAL SERVICE MANAGEMENT

We provide Infrastructure and Application management services for complex Digital Services running either public or private cloud infrastructures.

Our Concept

Kmind and Edge-AI for Digital Applications

We help creating the new “Digital Enterprise”

EMBEDDED-AI

Our team has a long track record of developing embedded software for machines. Redev provides engineering services to support development and integration of AI and business logics into smart embedded machines (control boards) for the industrial, gaming and transportation sector.

EDGE-AI

Here at Redev are pretty familiar with IoT Gateway software. We develop and integrate market software into IoT Gateway devices, enabling devices data analysis for anomaly detection, predictive analytics and risk analysis.

RISK ANALYSIS

Our team crafts custom systems that ingest and analyse real-time and contextual information generated from connected machines and enable instant decision, risk assessment and predictions based on statistical and machine learning techniques.

COMPUTER VISION

Redev provides engineering services to implement end-to-end computer vision and image analysis solutions leveraging on the very last technologies based on Deep Learning and Reinforcement Learning. We support also industrialization of algorithms into hardware through the use of TPUs and GPUS.

COGNITIVE COMPUTING

Cognitive technologies enabling a new smarter world

We put all our effort into studying and integrating solutions from the past decade into the all new wave of cloud-based cognitive computing infrastructures.

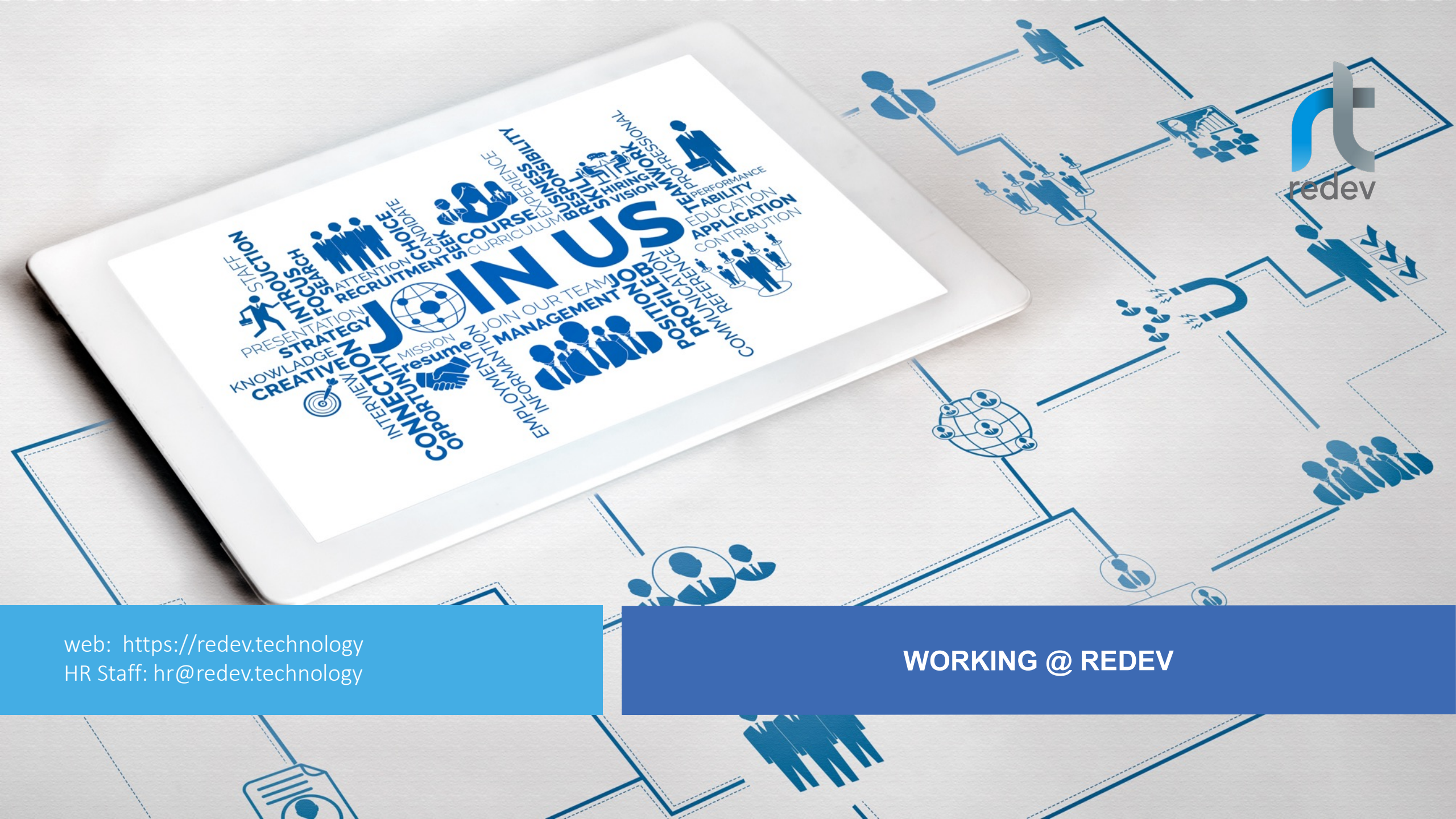
We enable digital applications to operate and integrate with cognitive computing systems like:

- **IBM WATSON**
- **AMAZON LEX**
- **AZURE STUDIO ML**
- **GOOGLE SPEECH**
- **Custom Open-Source NLP/NLU applications.**

EXTRACT

DISCOVER

IMPROVE



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HR Staff: hr@redev.technology

WORKING @ REDEV

Working @ Redev

This guide is intended to add clarity to the role & responsibilities of a Developer Contractor.

It will also give a clear overview of the recruitment process and help you best prepare for your upcoming interviews with Redev. If you have any questions, please don't hesitate to get in touch.

redev

Redev is seriously committed into hiring only outstanding talents.

We hire Software Developers, Product Managers, Data Scientists, Product Marketers and many more.

We are probably already looking for you!

The recruitment process

Everything starts and finish with you!

How we Hire

Redev's interview process is the same for every role. This consistent horizontal approach allows PMs the opportunity to develop their future career within Redev both geographically and across project changes.

You can find a quick overview of the hiring steps in this guide. Your recruiter will conduct an initial call with you and be your partner during the whole process, keeping you updated throughout. Please bear in mind that things do take time.

The Interviewing Process

1. Phone Interviews

- Up to 2 x 45 min interviews with a Redev Product Manager, assessing product design skills & analytical ability

2. Videocall Interviews

- Up to 2 x 45 min interviews with a Redev Developer, assessing software development skills (you might use a whiteboard for technical questions)

3. Internal Review

- A 3rd persons(s) in the team reviews the interview feedback. They ensure our hiring process is fair and that we're holding true to our "Good for Redev" standard as we grow.

4. Offer

- Once everything is reviewed and approved, we'll extend the offer, send you the details and talk through getting started at Redev!

Project Matching

As we assess your skills and strengths throughout the interview process, we consider potential project matches here at Redev.

We take into consideration your interests as well as the current needs of the various Redev projects before making a project match.

It is not uncommon to match to several projects and sometimes we will give the options to let you dig into it deeper, so you can both learn more about whether the match makes sense or not.

Preparing for your interview

General Interview Tips

The Software Developer Contractor Interview

Product Design

Be able to make recommendations and critique current products in terms of features and improvements, as well as make suggestions for potential new products.
Example: how would you improve product X?

Analytical Ability

General problem solving ability, technical skills and fundamental computer science concepts.
Example: how would you estimate the storage needed for all books in the world?

Technical Strategy

Understand Redev's "sample" product architecture and discuss of how you would alter design in a "next generation" of that product.
Example: if you are developing the current version X of the product using certain library for encryption, would you keep it for the next generation or would you switch to something newer –and exactly what?

Technical Aptitude

Demonstrate your technical knowledge, and your understanding of how to apply your Software Developer technology knowledge to achieve the company goals (more information on next slide)

The recruitment process

Preparing for your Interview

The Technical Interview

What to expect:

Product Managers at Redev need to work closely with our engineering teams. This interview will be conducted by an engineer who will be trying to assess how well you can understand and communicate technical ideas, as well as how effectively you could work with the Redev engineering team.

You may be asked questions from a myriad of fields in computer science. If you feel a bit rusty in coding and design, it's worth going through a couple of books to refresh (some ideas on the right). You may be asked for pseudo-code to help express your ideas.

Super detailed knowledge is not a requirement; it's more important to understand the tradeoffs being made in software design and when one approach is better suited over another.

Preparation tips:

Questions can be design related as well as testing more specific technical understanding of different implementations. Some examples below:

Design a web crawler or an ads system. What components do you need? How does this system scale from 100 to 100 billion pages?

What happens when you type in *redev.technology* into the search bar; what's going on behind the scenes?

What is a hash map? What is it useful for?

How is a set different from an array and when would you use a set?.

Introduction to Algorithms

Goff's Design Patterns

Scalable Web Architecture & Distributed systems

Kubernetes

Working @Redev

Need more help with your Interview?

Send us a shout:

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ITA hr.italy@redev.technology