

Software Engineer – Cloud Data Warehouse- Barcelona (Spain)

Description

Every year, we welcome thousands of university graduates from every corner of the world to join Microsoft. You bring your aspirations, talent, potential—and excitement for the journey ahead.

At Microsoft, our mission is to empower every person and every organization on the planet to achieve more and when you begin your career with us. Those hired into this role are invited to participate in [Microsoft Aspire Experience](#), a two-year learning and development experience where you'll build your network, cultivate intentional capabilities and gain perspective into the career opportunities across Microsoft's many exciting businesses.

We're a company of learn-it-all's rather than know-it-alls and our culture is centered around embracing a growth mindset, a theme of inspiring excellence, and encouraging teams and leaders to bring their best each day. Does this sound like you? [Learn more about our cultural attributes](#).

Microsoft's Azure Data engineering team is leading the transformation of analytics in the world of data with products like databases, data integration, big data analytics, messaging & real-time analytics, and business intelligence. The products in our portfolio include Microsoft Fabric, Azure SQL DB, Azure Cosmos DB, Azure PostgreSQL, Azure Data Factory, Azure Synapse Analytics, Azure Service Bus, Azure Event Grid, and Power BI. Our mission is to build the data platform for the age of AI, powering a new class of data-first applications and driving a data culture.

We do not just value differences or different perspectives. We seek them out and invite them in so we can tap into the collective power of everyone in the company. As a result, our ideas are better, our products are better, and our customers are better served.

Within Azure Data, the big data analytics team provides a range of products that enable data engineers and data scientists to extract intelligence from all data – structured, semi-structured, and unstructured. We are in the process of integrating our disparate products into Azure Synapse Analytics with a set of experiences that are meant to simplify and accelerate time to value.

We are looking for engineers to lead the development of the core components of the Cloud Data Warehouse that powers SQL analytics in Azure compute. You will work in areas related to query optimization, transactional storage and distributed query processing to build an elastic and scalable cloud DW to enable Tier1 enterprise workloads in Azure Data Lake. We are looking for passionate people with experiences working with all service aspects of high throughput and multi-tenant

Hiring organization

Candidate-1st

Employment Type

Full-time

Beginning of employment

asap

Job Location

Barcelona, Barcelona, Spain

Working Hours

40

Base Salary

euro USD 30K - 56K *

Date posted

May 14, 2024

services, ability to design components carefully, properly handle errors, write clean and well-factored code with good tests and good maintainability.

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Are you ready to join us and create the future? Come as you are, do what you love—start your journey with us today!

Responsibilities

Core responsibilities:

Understand Requirements – Contributes in partnership with stakeholders (e.g., project manager, technical lead) to determine user requirements for a feature. Begins to incorporate appropriate continuous feedback loops measuring customer value.

Design – Learns and contributes to processes for the architecture of a product/solution feature and learns to create proposals by testing design hypotheses and helping to refine code plans under the technical leadership of others. Produces code to test hypotheses for technical solutions and assists with technical validation efforts. Helps with and participates in the development of design documents for simple designs or user stories with oversight, helps to determine the technology that will be leveraged, and how they will interact.

Coding – With guidance, learns to create and implement code for a product, service, or feature reusing code as applicable. Writes and learns to create code that is extensible and maintainable. Learns about and applies diagnosability, reliability, and maintainability, and understands when the code is ready to be shared and delivered. Apply coding patterns and best practices to write code.

Implement – Learns to review work items to gain knowledge of product features in partnership with appropriate stakeholders (e.g., project managers). Assists and learns about breaking down work items into tasks and provides estimation.

Reliability and Supportability – Learns about and contributes to operations of live service as issues arise on a rotational, on-call basis. Identifies solutions and mitigations to simple issues impacting performance or functionality of Live Site services.

Engineering Excellence – Reviews current developments and proactively seeks new knowledge that will improve the availability, reliability, efficiency, observability, and performance of products while also driving consistency in monitoring and operations at scale.

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Qualifications

Required/Minimum Qualifications

- Bachelor's Degree in Computer Science, or related technical discipline with proven experience coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or Python

Additional or Preferred Qualifications

- Master's Degree in Computer Science or related technical field with proven experience coding in languages including, but not limited to, C, C++, C#, Java, JavaScript, or Python

Microsoft is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to age, ancestry, color, family or medical care leave, gender identity or expression, genetic information, marital status, medical condition, national origin, physical or mental disability, political affiliation, protected veteran status, race, religion, sex (including pregnancy), sexual orientation, or any other characteristic protected by applicable laws, regulations and ordinances. If you need assistance and/or a reasonable accommodation due to a disability during the application or the recruiting process, please send a request via the [Accommodation request form](#).

Benefits/perks listed below may vary depending on the nature of your employment with Microsoft and the country where you work.

How the process will look like

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

Job Benefits

USD 30K – 56K *

