

## Principal Software Engineer - Security Platform

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Company: Microsoft

Location: Nazareth

Category: other-general

### Overview

One of the top security challenges customers have is to understand ahead of time potential attack paths that can happen in their systems, the actual risk vulnerable assets and entities impose and identify points of failure.

We come to solve all of that and surface this knowledge through a wide set of Microsoft security products. Our strategic platform is based on a knowledge graph built to represent the digital assets and their connections which is the base for deriving smart knowledge, insights and calculation of attack paths, blast radius, chock points and more.

The platform is in use in different Microsoft security products and plans to expand and grow to new horizons. The challenges span over handling large volumes of data, complex calculations of derived insights, new capabilities and modeling the ever-growing digital world into a coherent knowledge graph.

We're a diverse group of talented professionals consisting of software engineers, security researchers, program managers and data scientists collaborating to develop a security platform that secure our customers, including the biggest companies in the world.

### Qualifications

B.Sc. or M.Sc. in Computer Science, Software and Computer Engineering, or equivalent.

12+ years of hands-on experience and technical skills working on large-scale production systems.

Experience in Spark

Experienced in cloud environment.

Strong problem analysis skills

Team player with strong communication, collaboration, active listening, and problem-solving skills.

Passionate about dealing with “unsolved” problems and the ability to independently make solid progress by breaking new grounds.

### **Advantage**

Experience with Azure cloud environment

Experience with CosmosDB and Kusto

Experience with .NET/C#

Experience with application and system monitoring systems

### **Other Requirements**

Ability to meet Microsoft, customer and/or government security screening requirements are required for this role. These requirements include, but are not limited to the following specialized security screenings: Microsoft Cloud Background Check:

This position will be required to pass the Microsoft background and Microsoft Cloud background check upon hire/transfer and every two years thereafter.

#MSFTSecurity #SP&E #SPDSCGP

### **Responsibilities**

As a Principal software engineer, reporting to group manager, you will lead and shape the next generation of the platform, select the best fit technologies, find solutions to complex problems, and build the system together with the team.

In addition, you will be working with our partners that are on-boarding to platform for ingesting and consuming data and pave the way for their success with us. You will also take significant part in shaping the vision of platform going forward.

Benefits/perks listed below may vary depending on the nature of your employment with Microsoft and the country where you work. Industry leading healthcare Educational resources Discounts on products and services Savings and investments Maternity and paternity leave Generous time away Giving programs Opportunities to network and connect

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