

SENIOR PENTESTER (ALL GENDERS) (EMBEDDED AUTOMOTIVE)

INGOLSTADT, STUTTGART, MÜNCHEN, BERLIN

For over 25 years, diconium has been supporting organisations as a partner on the path to digital transformation with all of our expertise.

At diconium auto we are focused on bringing software to the road. Our solutions make cars safer, smarter, and more intuitive. We create features that deliver an unforgettable driving experience. With our expertise in cybersecurity, infotainment, and autonomous driving, we help our clients on their journey to becoming truly software-driven automotive companies.

Help us defining the future of mobility and join our fantastic team as

Senior Pentester (all genders) (Embedded Automotive)

[Apply now](#)

YOUR TASKS

You will work on site in Ingolstadt, Berlin or Stuttgart as a pentester for automotive ECUs.

Targeted pentesting/security analysis of ECU features at all levels - e.g. secure boot, secure OS/TEE, secure protocol implementation, key management systems, debug access activation methods, paid feature activation, system architecture, etc.

Analysis, verification and reproduction of security incidents.

Liaising with ECU SW developers to explain security issues and provide feedback on proposed solutions.

Supporting the security test developers by providing input to new features and regression test development.

Tech scouting and evaluation of new security software and hardware technologies.

Our approaches to address challenges holistically:

Reverse engineering, fuzzing (custom fuzzer development), PoC exploit development, source code review, hardware tampering, design reviews.

We use these technologies/systems:

modern automotive embedded systems, secure boot in all facets, baseband (LTE/GSM), Android/Linux/Autosar, CAN/Ethernet

YOUR PROFILE

Must have:

Very good knowledge of cyber security, embedded systems and cryptography, which you are passionate about developing on a daily basis.

Relevant professional experience with pentesting and/or offensive security and reverse engineering.

Very strong (embedded) Linux knowledge.

Fluency in written and spoken English.



Nice to have:

A relevant tertiary qualification with a security component.

Knowledge of common automotive protocols.

Experience with automotive bus and protocol analysis tools.

Previous participation in CTF's.

OSCP certification.

WHY DICONIUM?

Your life. Your benefits. Your diconium.

We offer you a flexible, positive work environment with a wide range of benefits, perks, rewards and opportunities. Discover new skills and improve your strengths, adapt your working day to your personal lifestyle, celebrate community, sustainability and diversity. And sweeten your working life with awesome perks and benefits!

About the benefits ([diconium Benefits](#))

DICONIUM SUCCESS STORY

Sound on In the mid 90s two best friends start an IT company. More than 25 years later the company goes through the roof! The diconium success story in fast motion.

DICONIUM AT ONE GLANCE

Employees

Over 2,000 employees from 70+

Clients

VW, Mercedes-Benz, Bosch, Allianz, Kodak Alaris, SICK und Trumpf,

nations

amongst others

Locations

In diverse, interdisciplinary teams we work together in many ways from remotely to onsite in one of our worldwide offices in Europe, North America and Asia.

Topic areas

Innovation & Strategy, Customer Experience, Data & AI, Commerce and Technology Solutions, Digital Transformation

CONVINCED?

Are you looking for exciting tasks, a powerful team and great benefits?

Introduce yourself to us if you like, in an uncomplicated way with just your CV – ideally via our online portal or by e-mail.

Use the candidate portal

Apply by e-mail

Your contact is Sofia. We are looking forward to your application!

Sofia Semnet
Recruiting Manager



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