

How Alexander Adu-Sarkodie Aligns with the Back-End Engineering Manager Role at E.ON Next

Key E.ON Next Role Benchmarks and How Alexander Fits:

1. Lead and Inspire

- **Experience:** Alexander has over 20 years of industry experience, with a strong emphasis on mentoring and coaching globally distributed engineering teams. His leadership experience spans the UK, Austria, Spain, India, and beyond, ensuring diverse and inclusive collaboration.
- **Application:** At Pushologies, Alexander mentored cross-functional Agile teams to deliver the FIFA World Cup 2022 notification platform, fostering a culture of excellence, accountability, and high performance.

2. Strategic Vision

- **Experience:** A proven track record in defining and implementing strategic technical roadmaps for companies like Marks & Spencer, Expleo, and the UK Ministry of Defence. Alexander has helped organisations migrate to scalable cloud and microservices architectures while aligning technology goals with business objectives.
- **Application:** At Expleo, he shaped the technology strategy for Digital Twins and AI platforms while ensuring alignment with the organisation's strategic vision.

3. Delivery Champion

- **Experience:** Demonstrated ability to take ownership of delivery outcomes, including planning, execution, and timely releases. At Marks & Spencer, Alexander played a pivotal role in delivering the digital transformation of the e-commerce platform, achieving a 50% reduction in deployment timelines.
- **Application:** Regularly collaborates with stakeholders and Product Managers, ensuring agile delivery cycles, as seen in projects like StrikeNet and Pushologies.

4. Technical Excellence

- **Experience:** A strong technical foundation, including hands-on development and architecture. A Polyglot and skilled in modern programming languages, microservices, and serverless technologies. Demonstrates expertise in designing fault-tolerant, scalable, and maintainable systems.
- **Application:** Led the technical architecture and development of projects like the MOD Digital Twin and Pushologies SaaS notification platform, ensuring technical excellence and best practices.

5. Empowerment Advocate

- **Experience:** A strong focus on enabling team autonomy while maintaining high-quality output. Known for coaching engineers and encouraging innovation through guidance, as seen in roles at Expleo and Pushologies.
- **Application:** Alexander empowers teams by conducting code reviews, setting clear goals, and encouraging ownership of deliverables, ensuring personal and team growth.

6. Growth Facilitator

- **Experience:** Deep commitment to nurturing talent, with extensive experience in mentoring engineers and conducting appraisals. Served as a Visiting Lecturer for Business Computing and Emerging Technologies, further showcasing his dedication to skill development.
- **Application:** At Marks & Spencer, he established a high-performance engineering academy - The Engineering Council (UK and in India), onboarding and training engineers to align with the company's goals.

7. Collaboration Catalyst

- **Experience:** Skilled at fostering collaboration between stakeholders, engineers, and cross-functional teams, ensuring smooth communication across geographies. Experience working closely with clients such as FIFA, Coca-Cola, and GCHQ.
- **Application:** Facilitated seamless collaboration between development teams and business stakeholders at Pushologies, ensuring stakeholder expectations were exceeded.

8. Hands-on Leader

- **Experience:** Though Alexander's focus has shifted to leadership, he remains hands-on with coding, architecture, and technical oversight. His strong Computing foundation makes him a highly versatile leader - <https://github.com/DataSolutionSoftware/Portfolio> .
- **Application:** At Expleo, Alexander contributed to both strategic direction and hands-on development for cutting-edge AI platforms and Digital Twin systems - <https://digital-twin-v2-chi.vercel.app/> .

Core Competencies

1. Leadership Expertise:

- Proven record of leading high-performing engineering teams.
- Hands-on mentorship and coaching experience in Agile environments.

2. Technical Foundation:

- Strong foundation in computing, algorithms, microservices, and serverless technologies.
- Extensive experience in building scalable and resilient systems.

3. Strategic Thinker:

- Demonstrates alignment of technology vision with business goals in all roles.

4. Delivery Focus:

- Delivered large-scale projects for aerospace, defence, and retail industries, often ahead of schedule and exceeding expectations.

5. Agile & DevOps Advocate:

- Established CI/CD pipelines, integrated DevOps best practices, and improved operational efficiencies in all organisations.

6. Mentorship & Coaching:

- Built high-performance teams, established engineering academies, and nurtured junior engineers into leadership roles.

Additional Strengths

• Experience with Microservices and Serverless:

- Delivered scalable solutions for Marks & Spencer and Pushologies using microservices.
- Strong understanding of AWS Serverless Architecture.

• Dynamic, Fast-Paced Environments:

- Thrived in demanding environments like the FIFA World Cup 2022 platform and the UK Defence Industry.

• Outstanding Communication Skills:

- Maintains strong relationships across teams and stakeholders, ensuring seamless collaboration.

Proposed Contributions to E.ON Next

1. **Engineering Leadership:**
 - Build and mentor a backend engineering team capable of delivering innovative, scalable solutions for energy management.
2. **Strategic Vision:**
 - Define and implement strategies to align backend development with E.ON Next's broader technology vision.
3. **Agile and DevOps:**
 - Drive the adoption of DevOps practices and continuous improvement, ensuring delivery efficiency.
4. **Collaboration:**
 - Bridge the gap between technical teams, product managers, and business stakeholders for effective communication and goal alignment.

Architecture profile work:

- Digital Twin - <https://digital-twin-v2-chi.vercel.app/>
- Microservices - <https://www.figma.com/board/4kkSR0KdbgOCJilUwUAVeI/Architectural-Diagrams?node-id=14-150&t=B6pVKJ0GyNPZoxn7-0>
- System Design - <https://www.figma.com/design/otIwQ01tMzOSEbIQ569beM/System-Design?node-id=0-1&p=f&t=ocY3P5cZRtDdBzbB-0>

My extensive experience in software engineering, architecture, team leadership, and backend systems development makes me an ideal fit for the Back-End Engineering Manager role at E.ON Next. My ability to lead with vision, mentor teams, and deliver high-quality solutions aligns perfectly with E.ON Next's goals and expectations.