Mateusz Bryll

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Engineering Manager with ~10 years of experience leading and scaling high-performing teams while remaining hands-on in software development. Proven record of delivering enterprise-grade, regulatory-compliant systems across fintech, B2B SaaS, and startup environments. Skilled in .NET, Angular, Node.js, and cloud-native DevOps, with expertise in clean architecture, DDD, and high-availability systems. Recognized for bridging strategy and execution by aligning engineering roadmaps with business goals, optimizing developer experience and velocity, and fostering a culture of collaboration and technical excellence.

Skills

Technical skills

Core (daily use, 7-10 years)

- C# | .NET | .NET Core | ASP.NET Core
- RDBMS (MS SQL, PostgreSQL)
- NoSQL (MongoDB, Redis)
- Node.js (front-end and back-end)
- Angular | Angular Material | Redux | NgRx | Nx
- JavaScript | TypeScript | HTML5 | CSS/SCSS

- DDD | CQRS | Event-Sourcing
- Microservices | Modular Monolith | REST
- Clean and Event-driven architectures
- SOLID principles | Agile/Scrum
- Docker | Kubernetes
- CI/CD (GitLab CI, Azure DevOps)

Advanced (hands-on 3-6 years)

- Azure Kubernetes Service
- Azure Service Bus | RabbitMQ | Kafka
- Azure Blob Storage
- Azure DevOps

- Cosmos DB
- Prometheus | Grafana | ELK Stack
- REST | SignalR

Familiar / Learning

- AI (Semantic Kernel, MCP servers, multi-agent architectures, Python, and productivity)

- Probabilistic data structures

Soft skills

- **Leadership & Collaboration:**
  Team building and mentoring, people management (conducting 1:1s, performance reviews, career development), cross-functional teamwork, stakeholder engagement, consensus building

- **Strategic & Analytical:**
  Roadmap planning, data-driven decision-making, risk assessment, process optimization, change management, continuous improvement

Languages

- **English** (C1 Advanced), **Polish** (Native)

Selected Achievements

- Scaled SaaS fintech systems to support 2M+ customers with 99.9% availability.
- Drove end-to-end ownership of critical fintech systems from architecture to production support.
- Led design and delivery of large-scale, DDD-driven microservice solutions, ensuring high scalability and maintainability.

- Mentored leaders and supported five promotions within engineering teams.
- Designed a microservice platform for marine insurance claims liquidation.
- Delivered an autonomous retail store in Portugal.
- Built cloud-native CI/CD pipelines, accelerating delivery speed and reliability.

Professional experience

Allegro Pay   09/2022 – Present
Manager, Engineering | FinTech SaaS

- Managed a fully remote team distributed across four cities.
- Supported five career advancements in 3 years (2 juniors → mids, 2 mids → seniors, 1 senior → manager).
- Led enterprise-grade initiatives ensuring **compliance, security, scalability, and reliability**. Delivered projects aligned with **AML, GDPR, Anti-Usury Act, Digital Services Act**, and PESEL restriction registry in close collaboration with Legal, external law firms, and the Ministry of Digital Affairs.

- Scaled customer onboarding and data services to support **2M+ active clients** with 24/7 availability, achieving **99.9% SLI** despite rapid doubling of the customer base over 2 years.
- Grew the team from 5 to 11 engineers, split into 2 product teams, and mentored a new team lead for a smooth leadership transition.
- Improved team performance by implementing best practices and mentoring, achieving **80% engagement rate (10 p.p. above company average)** and **100% direct manager satisfaction**.
- **Contributed hands-on (10–20%)** in .NET and Angular, including developing an AI agent that classifies false-positive alerts
- Partnered with the CTO to align engineering strategy with business goals and shape the operating plan.

TEKU.TECH Poland   10/2019 – 06/2022
Lead Software Developer, System Architect | Marine Insurance SaaS

- **Built Saltrex Waste**, a B2B auction platform for insurers to handle marine claim liquidation, in a **startup/high-growth environment**.
- Coordinated cross-country development (Poland, Netherlands, Czech Republic), delivered scalable and customer-oriented solutions.
- Introduced Agile practices, cross-functional collaboration, and stakeholder alignment, reinforcing a strong **product mindset**.
- Designed and deployed a microservices architecture (ASP.NET Core + Angular on Azure AKS and Amazon EKS), ensuring scalability and compliance.
- Contributed hands-on to architecture, coding, and CI/CD pipeline design.
- Transitioned team to full remote work during COVID-19 with no productivity loss.

Forcom   03/2019 – 10/2019
Senior Developer, Project Manager | Retail SaaS

- Took over leadership and delivered the **Pingo Doce & GO NOVA Lab Store** project within 8 months despite limited resources, earning **media coverage and recognition from the Portuguese Minister of Infrastructure**.
- Drove innovation in autonomous retail experiences targeting Gen Z consumers.
- Led a team of 4 engineers and 1 QA tester, combining technical contributions with Agile leadership.

Forcom   07/2017 – 02/2019
.NET and Angular developer | Retail SaaS

- Modernized legacy systems and trained colleagues in Angular, enabling migration from Silverlight to a scalable TypeScript codebase.
- Supported large-scale applications serving ~14M users, focusing on **scalability and reliability**.
- Automated test environment setup with Kubernetes, reducing setup time from days to hours and setting new standards for delivery speed and reliability.

NetComm Technologies   04/2016 – 05/2017
Developer

- Built and delivered desktop and web apps using .NET, SQL, and AngularJS (SCADA system, JPK exports).
- Gained initial exposure to cross-functional collaboration and product delivery cycles, laying the foundation for future leadership roles.

Education

Poznan University of Technology   10/2016 – 09/2018
Master of Science in Engineering (M.Sc.), Computing

- Graduated in the top 5% across all faculties, earning an academic scholarship every semester.
- Specialization: Advanced Internet Technologies. Thesis: *Microservice Architecture in a Distributed Web Application*.

Poznan University of Technology   10/2012 – 02/2016
Bachelor of Science in Engineering (B.Sc.), Computing

- Graduated in the top 5% across all faculties, earning an academic scholarship every semester.
- Specialization: Security of Information Technology (IT) Systems. Thesis: *Implementation of Token-Based Authentication in RESTful Web Services*.