



SERGEJ KUKSHAUSEN

ENGINEERING MANAGER, SOFTWARE DEVELOPMENT

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PROFESSIONAL SUMMARY

Hands-on engineering leader with 11+ years delivering mission-critical platforms in banking, fintech and Industry 4.0. Led the migration of a high-availability payment routing system from mainframe to cloud-native microservices on AWS, cutting infrastructure costs by 31%. Experienced people manager – hiring, 1:1s, coaching and performance reviews for cross-functional engineering teams – while staying hands-on daily with Python and AI-assisted development (custom AI skills for GitHub Copilot, Claude and Codex). Budapest-based; passionate about building product-minded, high-performing teams.

AREA OF EXPERTISE

ENGINEERING LEADERSHIP	Hiring & interviewing, 1:1s & coaching, performance reviews, goal setting, backlog grooming with Product, Agile/Scrum/SAFe, stakeholder management
PROGRAMMING (HANDS-ON)	Python (daily), Bash, Java, PHP, SQL, JavaScript/AngularJS, HTML/CSS; AI-assisted development: authoring custom AI skills/agents for GitHub Copilot, Claude and Codex; Python pipelines for large-scale file/data post-processing
CLOUD & ARCHITECTURE	AWS managed services, microservices architecture, Docker, Kubernetes, Kafka, Jenkins, ArgoCD, GitLab CI/CD

PROFESSIONAL EXPERIENCE

Technical Project Manager / Team Lead at Fiserv, Frankfurt am Main Aug 2020 – Present

- **People Management:** Lead a cross-functional team of 4 engineers and analysts: interviewing and hiring, regular 1:1s, coaching, goal setting and performance reviews – sustaining high retention and productivity.
- **Cloud Migration & Microservices:** Led the modernization of a high-availability payment routing system from on-prem mainframe to cloud-native microservices on AWS managed services – 31% lower infrastructure costs, 12% faster incident resolution.
- **Hands-on Development:** Daily Python and Bash: built data post-processing pipelines for very large files and authored custom AI skills for GitHub Copilot, Claude and Codex, accelerating the team's development workflow.
- **Product Partnership:** Work with Product Management on grooming and prioritizing a customer-centric backlog; cut product launch time by 21% by introducing Scrum across cross-functional teams.
- **Quality & Compliance:** Delivered PSD2/GDPR-compliant features across legacy and cloud environments; passed three consecutive internal audits with zero findings.

Tech stack: Python, Bash, AWS, Kafka, Docker, Kubernetes, AngularJS, GitLab CI/CD, Retool, Jira, Confluence

Engagement Manager at Capgemini, Frankfurt am Main Apr 2018 – Jul 2020

- **Enterprise Delivery:** Oversaw multi-million-euro IT initiatives for cross-border and domestic payment systems (SEPA), ensuring end-to-end regulatory compliance and uninterrupted transaction flows.
- **Team Leadership:** Managed a distributed delivery team of 4 across Germany and India – 100% of milestones on time and under budget.
- **Transformation:** Delivered a €2.2M digital transformation program for a major German finance processor, coordinating 6+ vendor systems and migrating operations to a hybrid-cloud environment; legacy document-workflow modernization cut manual processing 75% (€180K/year savings).

Tech stack: Python, Bash, HTML5, AngularJS, Docker, Kafka, SQL, M/Text, Jira, Confluence, GitLab, AWS

Technical Project Manager at ITEXIA, Dresden Apr 2016 – Mar 2018

- **Automation Delivery:** Led end-to-end execution of an advanced automation project, hitting 100% of key milestones.
- **Client Impact:** Drove a 27% boost in customer satisfaction through close collaboration, risk management and proactive communication.

Tech stack: PHP, Swift, Docker, SQL, Selenium, Drupal, Jira, Confluence, GitLab

Project Manager at TTE-Europe, Dresden**Oct 2014 – Dec 2015**

- **Web App Delivery:** Led IT initiatives in the explosives industry, delivering modern, scalable Java-based web applications and directing technical teams for timely delivery.

Tech stack: Java, SQL, Redmine, Confluence

EDUCATION

BSc Computer Science, Technical University Bergakademie Freiberg**Oct 2010 – Mar 2016**

- Bachelor thesis at the Institute of Computer Science: "Development of a mobile application for voice activity detection" (signal processing, mobile development).

CERTIFICATIONS

- Professional Scrum Master I (PSM I)
- Certified SAFe 4 Agilist

ADDITIONAL INFORMATION

- **Languages:** German (native), Russian (native), English (fluent, C1), Hungarian (basic, A2)
- **Interests:** AI-assisted engineering & digital transformation, drone flying, volleyball & floorball, travel