



# Michael Boiman

Quality Engineering & AI Automation Expert • 4+ Years AI Development • 20+ Years Quality Assurance

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## Quality Engineering & AI Competencies

### Quality Engineering & AI Automation

Quality-first automation: Email bots, invoice processing, workflow automation with 80% workload reduction, measurable cost savings, processing time from hours to seconds

### AI Quality Engineering Excellence

80% auto-generated tests & test cases, IDE integration, Go/No-Go in minutes instead of hours, 50% less development time, 80% fewer inquiries

### Next-Gen AI Protocols & Agentic Systems

MCP & A2A protocol implementation, multi-agent orchestration, JSON-RPC, secure agent-to-agent communication, enterprise-ready

### RAG Systems & Enterprise NLP

Vector embeddings, LangChain, Q&A bots, spaCy/NLTK, 95% accuracy, EU standards, contextual intelligence

### Multi-Cloud AI Architecture

Azure OpenAI, Google Cloud AI, serverless MLOps, auto-scaling, real-time monitoring, production-grade deployment

### Transparency & Business Intelligence

Real-time dashboards, quality visualization, end-to-end monitoring, KPI automation, single source of truth

## Career Profile

Quality Engineering & Enterprise AI Expert with 20+ years of quality assurance and 4 years of specialized AI development. Transform business processes through measurable, ROI-optimized quality automation:

- Quality Engineering Excellence**
  - 20+ Years QE Expertise:** Test automation, CI/CD quality gates, end-to-end monitoring
  - AI-driven Test Generation:** 80% automatically generated test cases, 50% less development time
  - Quality Dashboards:** Real-time monitoring across 10 test tools, Go/No-Go decisions in minutes instead of hours
  - Performance Testing:** JMeter, Gatling, load testing with automated analysis
- Business Impact & ROI**
  - 80% workload reduction** in automation & invoice processing with **measurable cost savings**
  - 80% fewer inquiries** through transparent quality monitoring systems
  - Quality-First Automation:** Playwright, Cucumber, Gauge integration in CI/CD pipelines
- AI Technology & NLP Excellence**
  - Enterprise LLMs:** GPT-4, Claude, Gemini integration with production-grade security
  - Agentic AI & Protocols:** MCP, A2A implementation for multi-agent orchestration
  - NLP & Document Processing:** spaCy, NLTK, Vector Databases (Pinecone, Elasticsearch), 95% accuracy
  - Multi-Cloud AI Architecture:** Azure OpenAI, serverless AI, MLOps, scalable deployment
- DevOps & Technical Leadership**
  - DevOps & CI/CD:** GitHub, GitLab, Jenkins, container orchestration, contract testing
  - Performance & Monitoring:** Load testing, incident analysis, Instana, Azure Log Analytics
  - Full-Stack Development:** Java, Python, JavaScript, Swift, 20+ years software architecture
  - Team Leadership:** Scrum Master, Product Owner, Quality Lead for cross-functional teams

## TECHNISCHE SKILLS

- Quality Engineering
- Playwright
- Cucumber/Gauge
- Python
- LLMs & AI APIs
- LangChain
- CI/CD
- Kubernetes
- Azure Functions
- Grafana
- Elasticsearch
- REST APIs
- Docker
- JMeter
- Gatling

## EDUCATION

**Diploma in Computer Science (UAS)**  
Cologne University of Applied Sciences,  
Gummersbach  
2000 – 2005

**ISTQB Certified Tester**  
2005

## LANGUAGES

- German Native
- English Professional
- Russian Conversational
- Hebrew Conversational

## ZUSÄTZLICHE QUALIFIKATIONEN

- Scrum Master
- Product Owner
- ISTQB Certified
- 4+ Years AI Development, 20+ Years Quality Engineering

## PROJECTS & SOLUTIONS

### AI-Driven Chatbot for Trade-Fair Interaction

Python OpenAI GPT-4 Streamlit FastAPI Vector Embeddings

Development of an interactive chatbot using RAG (Retrieval-Augmented Generation), OpenAI GPT-4, Vector Embeddings, Python FastAPI, and Streamlit frontend to optimize user interaction on trade-fair websites.



## Email Classification and Processing Workflow

Python Azure Functions OpenAI GPT-3.5 Microsoft Graph API Elasticsearch Kibana Docker

Complete automation solution with Microsoft Graph API, SAP RFC, Azure Functions (Python), OpenAI GPT-3.5-Turbo, Elasticsearch 8.x, Kibana Dashboards, Docker containers, and GitHub Actions CI/CD - 80% reduction in manual work.



## Enterprise AI Consulting: From Strategy to Implementation

AI Strategy Process Analysis ROI Assessment Implementation Planning Change Management Executive Workshops Quality Engineering

**Target Audience:** C-Level, Management, Product Owners, Business Analysts **Consulting Services:** • **Strategy Development:** From AI vision to measurable implementation roadmap • **Process Analysis:** Identification of automation potential, quality-first assessment • **ROI Assessment:** Business cases, cost savings, amortization calculations • **Executive Workshops:** Hands-on strategy sessions with live-demo business cases • **Change Management:** Team adoption, training concepts, resistance management • **Implementation Support:** From concept to productive AI solution **Deliverables:** AI strategy template, ROI calculator, implementation roadmap, executive workshop, implementation support



## Quality Dashboard - Real-time Overview

Grafana Elasticsearch Python CI/CD Playwright Jira API Confluence API LeanIX PDF Generation

Fully automated end-to-end solution for real-time quality monitoring across 10 test tools, 5 environments plus multi-source integration (Pipeline, LeanIX, Jira, Confluence) for automated PDF reports with open issues, bugs, and technical debt. Impact: -80% inquiries, Go/No-Go decisions in minutes instead of hours.



## 24/7 Automated Legacy Migration Validator: Dual-Run Quality Engineering

Java Cucumber Kibana Graylog Elasticsearch Container CI/CD Mainframe Dashboard

Engineering Test Automation

**Enterprise Legacy Transformation with Fully Automated Quality Assurance** **The Challenge:** Complex mainframe price calculation with millions of combination possibilities needed secure migration - without quality loss or data errors. **The Solution:** 24/7 Dual-Run Validation System with intelligent deviation analysis • **Continuous Testing:** Randomly generated tests across all variations around the clock • **Real-time Monitoring:** Live dashboard with immediate deviation detection on every deployment • **Complete Traceability:** Every deviation uniquely logged with technical and business context • **Automated Root Cause Analysis:** Direct access to calculation paths and error sources • **Quality Intelligence:** Kibana dashboards for end-to-end quality overview **Measurable Impact:** Quality metrics improved from 30% to 96% - secure migration without data loss, complete transparency over migration status



## wecation

Flutter Google Cloud Firebase Dart

wecation is a collaborative solution for organising shared experiences: plan, search, coordinate with friends or colleagues and enjoy the activity together! Built with Flutter and Google Cloud.



## Developer Workshop: AI-Agent Development & Integration

OpenAI GPT-4o Anthropic Claude Google Gemini MCP A2A Playwright JSON-RPC IDE

Integration CI/CD

**Target Audience:** Developers, Technical Leads, DevOps Engineers **Workshop Content:** • **Hands-on AI Agent Development:** Live coding with GPT-4o, Claude, Gemini • **Next-Gen Protocols:** MCP & A2A implementation for enterprise integration • **Browser Automation:** Playwright-MCP for automated test generation • **IDE Integration:** AI assistance in VS Code, Cursor, GitHub Copilot workflows • **Multi-Agent Orchestration:** JSON-RPC, secure agent communication • **Practical Demos:** Jira integration, Elasticsearch queries, GitHub workflows **Deliverables:** Complete source code, slides, hands-on exercises, production-ready templates



## Django SLA Dashboard - Enterprise Service Monitoring

Django Python PostgreSQL Chart.js WebSockets Docker REST API

**Enterprise SLA Monitoring Dashboard for Service Level Agreements** Development of a comprehensive SLA monitoring system as part of a BKS evaluation project (2023-2025) for monitoring Service Level Agreements with real-time metrics and automated alerting. **Core Features:** • **Real-time Monitoring:** 24/7 monitoring of 24+ services with response time tracking (Ø 147ms) • **SLA Compliance:** Automatic calculation and visualization of SLA metrics (99.97% availability) • **Incident Management:** Active incident tracking with medium/low priority classification • **Performance Analytics:** Response time distribution with detailed histograms (<50ms to >500ms) • **Availability Timeline:** 24h history with minute-level resolution and trend analysis • **Alert System:** Proactive alerting for SLA violations and performance degradation **Technical Highlights:** • Django 4.2 with async views for high-performance data processing • PostgreSQL with TimescaleDB extension for time-series data • Django Background Tasks for asynchronous processing • WebSocket integration for live dashboard updates • RESTful API for service integration and CSV export • Docker-based deployment with Kubernetes-ready architecture **Impact:** 60% reduction in MTTR (Mean Time To Repair), proactive incident prevention through trend analysis



## QualityCluster

Hugo JavaScript GitHub Actions CI/CD

QualityCluster is an alliance of quality engineers jointly developing better solutions in software quality assurance. Our goal is to implement more quality through a higher degree of automation.



PROFESSIONAL EXPERIENCE

### Workshop: Development with Generative Language Models

Developer Workshop - Agent-based Software Development

**Developer Workshop:** Comprehensive workshop on modern AI agent development with practical demos and live coding

**Workshop Content**

- Development with LLMs (GPT-4o, Claude, Gemini) and token optimization
- Model Context Protocol (MCP) & Agent-to-Agent (A2A) protocol implementation
- Agent orchestration with JSON-RPC and multi-agent systems
- Browser automation with Playwright-MCP for automated test generation
- Live demos: Jira integration, Elasticsearch queries, GitHub workflows
- Prompt engineering & rule-based agent control (.cursorrules, instructions)
- TDD workflows with AI assistance and automated PR creation
- Task Master AI agent for project management and code scaffolding

**Technologies & Tools**

- OpenAI GPT-4o, Anthropic Claude, Google Gemini
- Model Context Protocol (MCP), Agent-to-Agent Protocol (A2A)
- GitHub Copilot, Cursor, VS Code AI extensions
- Playwright, browser automation, web scraping
- JSON-RPC, REST APIs, multi-agent communication

Complete workshop with slides, live demos, and practical exercises for modern AI-assisted development workflows.

06/2025

### LLM Infrastructure Architect & Automation Engineer

BKS - AI Research & Development

**Development of LLM-orchestrated Enterprise Development Ecosystem:** Fully integrated system for knowledge management, project automation, and development workflows.

**Key Responsibilities**

- **Git Wiki Transformation:** Migration of Confluence knowledge base to structured Git-based wiki with hierarchical organization and multi-repository architecture (submodules for customer projects)
- **MCP Navigation Server:** Development of Model Context Protocol server (Python) with intelligent hierarchy navigation, automatic content discovery, and SharePoint integration
- **GitHub Project Automation:** LLM-driven issue management with 7-mandatory-field system, automatic categorization, smart repository mapping, and review queue management
- **Development Workflow Automation:** GitHub Actions workflows for fully automatic issue-to-PR transformation (assignment → feature branch → implementation → code review → PR)
- **Self-Documenting System:** LLM automatically writes project status, meeting protocols, and issue updates back to Git wiki; closed loop of wiki reading → work execution → results documentation → Git commit with structured logging
- **Time Tracking Integration:** Commit-based work time analysis with automatic Clockify synchronization, intelligent project assignment, and BKS formatting

**Tools & Technologies**

- LLM Orchestration: Model Context Protocol (MCP), Claude AI, Custom Skills Development
- Backend: Python, FastAPI, JSON-RPC 2.0, Git Submodules
- Automation: GitHub Actions, GitHub GraphQL API, gh CLI
- Integration: SharePoint API, Clockify API, Natural Language Processing
- Development: Bash Scripting, jq, Multi-Agent Systems

06/2025 – present

### Quality Engineering Lead

TÜV Süd

**Quality Engineering & Technical Leadership** for IDAS (Intelligent Document Analysis Solution), an enterprise platform for AI-powered document processing with AI chat integration and data pipeline automation.

**Key Responsibilities**

- **E2E Test Automation:** Development of scalable test framework using Playwright, TypeScript, and Page Object Model for AI-powered document processing pipeline
- **Performance & Monitoring:** Creation of Azure Monitor Workbooks with KQL for end-to-end monitoring; identification of critical monitoring gaps in AI service integration (Azure OpenAI)
- **Bug Analysis & Quality Intelligence:** Implementation of comprehensive bug tracking system with automated dashboards, age analysis, and executive reporting
- **Log Analysis & Observability:** Systematic identification of missing logs in microservices architecture; development of best practices for structured logging
- **Documentation Infrastructure:** Repository organization (2.5GB monorepo) with clear separation between Knowledge Base and Evidence Base
- **AI-Powered Automation:** Development of automation skills for workflow optimization, bug analysis, and incident response with measurable time savings

**Tools & Technologies**

- Testing: Playwright, TypeScript, Page Object Model, Fixtures, PostgreSQL
- Monitoring: Azure Monitor Workbooks, KQL, Application Insights, Azure OpenAI Service
- Backend: FastAPI, Python, SQLAlchemy, Azure Functions
- Frontend: React, TypeScript, Vite, TanStack Router
- AI Integration: Azure OpenAI, LangChain, Embeddings, Chat Completions
- DevOps: Azure DevOps Pipelines, Git, Docker, Azure Blob Storage

09/2025 – present

## AI-driven Automated QA Environment for Energy Infrastructure

07/2024 – 01/2025

### AkkuSwap Startup

**QA Leadership for EU-wide Battery Swap Infrastructure:** AI-driven simulation tool for battery swap station network with energy infrastructure integration

#### Key Responsibilities

- QA concept, design and implementation for AI-driven simulation of EU-wide infrastructure
- QA framework development for inhouse AI server infrastructure
- Proof-of-concept for automated testing of AI-driven simulations

#### Energy Sector Connection

- **50 Hertz Participation:** 50 Hertz (Elia Group subsidiary) participated in research project eHaul, the predecessor of AkkuSwap
- Direct energy sector experience with critical infrastructure quality requirements
- Understanding of 99.99% reliability standards for energy transmission systems

#### Technical Stack

- Infrastructure: Linux, Docker, Azure OpenAI
- Automation: pytest, AI code generation integration patterns
- Monitoring: Grafana, Azure Monitoring
- Energy Systems: Battery swap infrastructure, grid integration simulation

#### Key Achievements

- Established QA methodology for AI-driven infrastructure simulation
- Created testing framework for energy sector critical systems
- Validated proof-of-concept with measurable reliability improvements

## Presentation: Efficient Documentation through Automation

04/2025

### Enterprise Presentation - AI-powered Documentation Workflows

**Enterprise Presentation:** Demonstration of modern automation approaches for centralized, current documentation and sustainable project success

#### Key Focus Areas

- Single Source of Truth: Central truth in Confluence, avoiding redundant versions
- Shift-Left Documentation: Parallel code and documentation development for higher currency
- Automation First: Bots and CI/CD jobs for recurring tasks, automatic updates
- OpenAPI Documentation: Automatic generation on code merge, Consumer-Driven Contracts
- Documentation Debt Management: Dashboard-based visibility, Tech-Debt labels
- Automated Quality Assurance: Unit tests, integration, end-to-end reports

#### Technical Solutions

- Template-based standardization with mandatory and optional fields
- Label system instead of traffic lights for multi-dimensional filtering (status:draft, domain:payments)
- Semantic Release for automatic release notes
- Code changes aligned with documentation
- KPI/OKR dashboards for measurable progress

#### Tools & Integration

- Confluence, GitHub, Jira, MkDocs, OpenAPI
- CI/CD pipeline integration for documentation automation
- Monitoring and dashboard creation for Documentation Debt

## Platform Quality Architect (CI/CD, Monitoring, Automation)

08/2021 – 05/2025

### DVAG

**Test management & coordination**, as well as introduction of CI/CD with quality-gate setup. Acting as cross-team Quality Lead: onboarding, guidance, consulting and training for the introduction of quality metrics and test automation within the pipeline across teams.

#### Key responsibilities

- Design and implementation of functional and technical dashboards with Grafana for real-time quality measurement
- Documentation of quality metrics covering the measurable sprint progress
- Design and setup of CI/CD pipelines for multiple development teams (backend + frontend)
- Introduction of quality gates to safeguard quality within the CI/CD pipeline
- Adoption of Gauge (BDD)
- Roll-out of Playwright and integration into the existing CI/CD pipeline
- Functional and technical incident analysis
- Consultancy, design and implementation of solutions for quality-related issues

#### Tools

- IntelliJ / Visual Studio Code
- Java / JavaScript / TypeScript
- Playwright / Gauge / Taiko / Karate
- Python for processing and analysis of test and reporting data
- CI/CD / GitHub – reusable workflows
- Helm / Containers
- JIRA / Confluence
- Grafana
- Behaviour-Driven Development
- Consumer-Driven Contracts (Pact.io)

## Technical Lead & AI Automation Architect

01/2024 – 04/2025

BKS

**Technical lead & development:** Design and implementation of a scalable automation solution for processing e-invoices and PDF invoices fetched from a mailbox of a leading online job platform. Full responsibility from requirements analysis through implementation to production go-live.

### Focus areas:

- **Workflow automation:** Extraction, analysis and classification of incoming invoices using Python and Azure Functions.
- **E-invoice classification & data extraction:** Full processing in accordance with EU standard EN 16931 (ZUGFeRD, XRechnung), including structural and content parsing.
- **Salesforce integration:** Forwarding prepared invoice data via email to the downstream system for Salesforce import.
- **Auditing & logging:** Comprehensive documentation of all processing steps plus storage of original email content in the processing log.
- **Outlook management & SharePoint archiving:** Automatic moving and categorising of emails into predefined Outlook folders; archiving of original and generated invoice documents via Microsoft Graph API.
- **Monitoring & logging:** End-to-end real-time monitoring with Kibana, including alerting and dashboard creation.
- **Team coordination:** Managing the developer team incl. code reviews.
- **AI Workflow Automation:** Development of AI skills for automating task tracking, issue management, and project documentation
- **Intelligent Documentation System:** Automated wiki synchronization with git commit analysis and natural language documentation generation
- **Automated Status Reporting:** AI-driven email updates with automatic project progress analysis
- **MCP & A2A Protocol Implementation:** Next-generation AI protocols for tool integration and multi-agent communication

### Tools & technologies

- Azure Functions: Serverless orchestration of automation workflows.
- Python: Core logic for data extraction, classification and integration with automated CI/CD processes, packaging, and comprehensive unit and integration tests for quality assurance.
- Microsoft Graph API: Access to Outlook mailboxes and SharePoint libraries.
- GitHub: Version control, CI/CD pipelines and collaborative development.
- Kibana: Monitoring, log analysis and performance dashboards.
- Streamlit: For developing an interactive web application for visualization.
- AI Automation: Claude AI, Custom Skills Development, Git Analysis, Natural Language Processing
- Protocols: Model Context Protocol (MCP), Agent-to-Agent (A2A), JSON-RPC 2.0

## AI Engineering Lead & ML Solutions Architect

04/2023 – 04/2024

BKS on behalf of Ryze

**Project management & technical lead:** Development and deployment of an AI-driven email bot to automate customer communication, AI-assisted processing of incoming emails and triggering of follow-up activities in existing SAP systems. Responsible for end-to-end project coordination and team management from idea to implementation."

### Focus areas:

- **Development of ML models:** Design and training of specialized models for effective email classification, implemented via Azure Functions.
- **API integrations:** Seamless connection to Microsoft Outlook 365 via Microsoft Graph API and to SAP systems for customer data checks.
- **Process automation:** Automatic moving of emails based on classification and specific business rules, including complaint handling.
- **DevOps and monitoring:** Implementation of CI/CD pipelines and use of Kibana for monitoring.
- **Development of a Streamlit-based user interface:** Improved testability and visualization of process results.
- **Team coaching:** Technical guidance for developers with regular code reviews and problem-solving sessions.

### Tools & technologies

- Azure Functions: For serverless application architectures and ML model execution.
- Python: Main programming language for the email bot and ML models.
- Microsoft Graph API: For accessing and processing emails in Microsoft Outlook 365.
- SAP API: For querying customer data and communicating with SAP systems.
- GitHub: For version control, CI/CD pipelines and collaborative development.
- Kibana: For real-time monitoring and system performance analysis.
- Streamlit: For developing an interactive web application for system monitoring.

## AI Workshop for Business Integration

2023

### Applications of AI in Business Context

**AI workshop:** Comprehensive presentation and live demonstration of innovative AI applications for business with a focus on practical implementation, theory and code examples.

### Presentation content

- Comprehensive overview of AI fields and patterns (supervised/unsupervised/semi-supervised learning)
- Deep dives into machine learning, deep learning and natural language processing
- Detailed look at GPT models and their functionality (next token prediction)
- Practical prompt engineering with examples for various use cases
- Introduction to tools such as Hugging Face, Stable Diffusion, Midjourney and Auto-GPT

### Practical workshop part

- Development of an intelligent Q&A bot with OpenAI GPT-3.5-Turbo
- Live development of a web scraper for data acquisition
- Extraction and vectorization of text embeddings with OpenAI models
- Implementation of similarity search for context-based answers
- Similarity analysis and visualization of results
- Creation of an interactive Streamlit user interface for the Q&A bot

### Technologies used

- OpenAI API (GPT-3.5-Turbo, Embedding-Ada-002)
- Python with Pandas, NumPy and Streamlit
- Vector embeddings and cosine similarity for semantic search
- Web scraping with BeautifulSoup and Requests
- Prompt engineering and AI integration into business processes
- Integration via RESTful APIs

The full presentation is available at [Pitch.com](https://pitch.com/public/bc7eaeabb-5fb1-4e6f-bf84-ce9363c7abc0). The complete source code of the developed Q&A bot is documented in my [GitHub repository](https://github.com/boiman-solutions/workshop-q-a-scrap-bot).



## DevOps Quality Lead & Dashboard Architect

01/2017 - 05/2021

### DB Vertrieb

**Test management, test coordination, test automation – agile (Kanban, Scrum, SAFe):** Coordination as PO of a cross-team QA team including cross-team onboarding, support, consulting, training

#### Key responsibilities

- Agile quality assurance through the design of quality gates in the CI/CD pipeline
- Design and implementation of functional and technical dashboards with Kibana, Graylog, Grafana, Instana & Elastic Search
- Introduction of domain-specific logging for microservices to transparently track calculations and service interactions
- Performance tests within CI/CD with Gatling / JMeter and analysis using Kibana, Graylog, Grafana and Instana
- Documentation of quality metrics on the progress of measurable sprint quality
- Design and setup of CI/CD pipelines for data tests
- Functional and technical problem analysis
- Consulting, design and implementation of solutions for quality-related issues
- Setup of JUnit, unit tests and integration tests, among others with Java Cucumber
- Development of a hybrid app for presenting (reviewing) results on a web or mobile platform
- Coordination of integration tests between the involved teams

#### Tools

- IntelliJ
- Java
- Cucumber / Cypress
- JMeter / Gatling
- CI/CD / GitLab CI / Jenkins
- Helm / Docker
- JIRA / Confluence
- Kibana / Grafana / Instana / Graylog
- Behaviour Driven Development
- Consumer Driven Contracts (Spring Cloud Contract)
- Ionic (hybrid app)
- Selenium

## Performance Engineering Lead & Test Architect

09/2015 - 01/2017

### DB Systel

**Load and performance tests and analysis – test manager, test designer, analyst:** Development, execution and analysis of load and performance tests

#### Key responsibilities

- Requirements management
- Status reports
- Customer consulting
- Documentation in the form of test concepts, analyses, management reporting and wiki documentation
- Setup and execution of load and performance tests
- Analysis of results & performance logs

#### Tools

- Visual Studio
- Eclipse
- JMeter
- Git
- JIRA / Confluence
- Excel & Access VBS
- Interfaces: HTTP, WS, REST, MQ, JMS

## Senior iOS Developer & Mobile Architect

04/2015 - 09/2015

### Telekom

**Senior iOS Developer:** Further development of the rebuilt version of Deutsche Telekom's **Customer Center App**, extension with new functionalities for IFA.

#### Key responsibilities

- Swift
- iOS 8
- Requests & responses to backend
- Error handling
- iPad / iPhone
- Scrum

#### Tools

- Xcode
- Git
- JIRA

## Quality Assurance Lead & Test Automation Architect

05/2009 - 03/2015

Siemens

**QA, test management, test automation, requirements engineering:** A total of 5 projects were supported as QA & test manager and successfully implemented

**Projects**

- SIPCA - Management system for employee annual targets and bonus calculation
- STM - Application and travel expense recording (Frontend: Web / Backend: SAP)
- GPM2 - Share bonus program for employees (Frontend: Web / Backend: JBoss)
- PATAC
- SOM - Management and overview of OrgUnits

### Key responsibilities

- Creation of technical test concepts and test plans
- Defect tracking
- Management of CRs, communication between customers and developers
- Creation, maintenance and scheduling of test automation
- User acceptance tests
- Training of new testers and test automation engineers
- Support as test manager after project completion in regular operation
- Setup of acceptance tests
- Transfer of functional specification and detailed specification to Quality Center
- Monitoring of implemented requirements against the detailed concept

### Tools

- HP ALM
- HP UFT
- HP QC
- Quick Test Pro

## Performance Test Engineer & Load Testing Specialist

03/2009 - 05/2009

ING-DIBA

**Load and performance tester:** The goal of the project is the design and development of LoadRunner scripts for load testing a bundle of approx. 20 J2EE applications in a banking portal

### Key responsibilities

- Creation of test scripts in LoadRunner with the http protocol
- Execution of load tests and analysis of results
- Monitoring and reporting

### Tools

- LoadRunner

## Performance Test Engineer & Quality Consultant

01/2006 - 12/2008

British Telecom, Mobiliar, DB-Systel, Sparkassen Informatik, Loyalty Partner, Telekom, Itelium, Deutsche Post, Postbank

**Load and performance tester / tester:** Various projects, predominantly load & performance tests

### Key responsibilities

- Creation of test scripts in LoadRunner with the http protocol
- Execution of load tests and analysis of results
- Monitoring and reporting

### Tools

- LoadRunner