

Cen Lu

AI-Enabled Technology Consultant | Business Analyst | Cloud & Application Delivery

Munich, Germany | +49 176 8793 7912 | cen.lu@gmx.de

linkedin.com/in/cen-lu | lucen.dpdns.org

Profile

Technology consultant and business analyst with experience delivering enterprise web applications, AI-enabled solutions, cloud integrations, and IT operations in complex client environments. Currently at Accenture, working between client advisory, requirements engineering, solution design, Agile delivery, application lifecycle management, and technical implementation support. Strong ability to translate ambiguous business problems into structured requirements, product workflows, technical concepts, and working solutions. Increasingly focused on AI-assisted development, automation, cloud-native delivery, and practical enterprise AI use cases.

Key Capabilities

Client & Product Requirements engineering, stakeholder workshops, user stories, process flows, product thinking, demos, documentation, acceptance criteria

AI & Data AI-enabled forecasting, computer vision, Python, SQL, data analysis, ML workflow understanding, AI-assisted development, basic MLOps concepts

Cloud & Delivery AWS, Azure, REST APIs, API Gateway, IAM/OIDC/M2M, GitHub Actions, CI/CD, Docker, ServiceNow, ITSM, release and go-live coordination

Professional Experience

Business Architecture Analyst – Team Lead, Application Delivery & IT Operations Jan 2024 – Present
Accenture GmbH *Munich, Germany*

- Lead delivery of a cloud-hosted forecasting web application for a major automotive client, coordinating business requirements, product decisions, Angular frontend, backend services, AWS infrastructure, database topics, testing, and go-live preparation.
- Translate client needs into epics, user stories, process flows, UX requirements, API specifications, acceptance criteria, and database-related requirements for cross-functional engineering teams.
- Act as Scrum Master and delivery coordinator for an international team, facilitating daily stand-ups, sprint planning, backlog refinement, reviews, demos, and regular client syncs.
- Support technical solution design around REST APIs, API Gateway, authentication and authorization concepts, M2M flows, OIDC, IAM, database structures, release readiness, and service operations.
- Built and coordinated an AI-assisted Python backend/service prototype, using Copilot CLI and modern AI coding tools to support backend logic, API design, project structure, documentation, GitHub Actions, CI/CD, Docker packaging, and cloud deployment discussions.
- Manage lifecycle and operations for 8 enterprise applications across AWS, Azure, and on-premise environments, covering service stability, incident/change processes, ServiceNow workflows, IT security compliance, IAM topics, stakeholder reporting, and continuous improvement.
- Bridge business stakeholders, product owners, developers, cloud engineers, security teams, and operations teams to ensure business value, technical feasibility, delivery transparency, and stable operations.

Technology & Strategy Advisory – Working Student Feb 2023 – Aug 2023
Accenture GmbH *Munich, Germany*

- Supported an AI-based quality inspection solution for a global OEM, contributing to technical analysis, stakeholder communication, and decision support for computer-vision use cases.
- Prepared client-facing materials comparing AI solution options, technical feasibility, implementation paths, and business value.

Business & Data Analyst Intern Jun 2022 – Dec 2022
Accenture GmbH *Munich, Germany*

- Analyzed business processes and data flows in a public-sector master-data-management environment using SQL and Python.
- Supported data-quality analysis, process documentation, optimization proposals, and communication with enterprise stakeholders.

Design Engineer – Working Student, Medical Devices Dec 2020 – Dec 2021
Brainlab AG *Munich, Germany*

- Supported development and verification of image-guided surgery instruments in an MDR-regulated environment, collaborating with engineering and clinical teams.

ML Data Quality Assurance Engineer – Working Student

understand.ai GmbH

Oct 2018 – Mar 2020

Karlsruhe, Germany

- Worked on large-scale 2D/3D perception datasets for autonomous-driving applications, including LiDAR data quality assurance and annotation review.
- Built practical understanding of data quality, model-input reliability, and operational precision in machine-learning workflows.

Independent Product Work

Signal Focus – AI-Assisted iOS Productivity App

2025 – 2026

- Built and launched a minimalist goal-tracking/productivity app using SwiftUI and AI-assisted development workflows.
- Covered product concept, UX design, implementation, App Store preparation, positioning, and launch communication.
- Demonstrates end-to-end builder mindset beyond consulting: identifying a problem, shaping a product, implementing it, and bringing it to users.

Skills

Business Analysis	Requirements engineering, user stories, process modeling, stakeholder management, workshops, documentation, acceptance criteria, product thinking
Delivery	Agile/Scrum, backlog management, sprint planning, client communication, demos, go-live coordination, release readiness, Jira, Confluence
Cloud & IT	AWS, Azure, REST APIs, API Gateway, IAM, OIDC, M2M, ServiceNow, ITSM, Git/GitHub, Linux, application operations
AI & Data	Python, SQL, pandas, NumPy, Jupyter, time-series forecasting, computer vision, TensorFlow, PyTorch, Keras, basic MLOps concepts
Development	FastAPI concepts, backend integration, GitHub Actions, CI/CD, Docker, database design, Angular/TypeScript project exposure, SwiftUI, VS Code, AI-assisted development
Languages	Chinese native, English professional working proficiency, German professional working proficiency, Japanese basic

Education

M.Sc. Mechanical Engineering, Focus on Informatics & AI Applications

Technical University of Munich

Nov 2023

Munich, Germany

- Grade: 1.6; Master Thesis: 1.0
- Thesis topic: Computer vision for automated melt pool detection
- Co-author of 2 IEEE publications

Erasmus, Mechanical Engineering

Karlsruhe Institute of Technology

Sep 2018 – Jul 2019

Karlsruhe, Germany

B.Sc. Mechanical Engineering

Beijing Institute of Technology

Jul 2019

Beijing, China

- Top 10% of class; multiple scholarships
- 2nd Place, China Engineering Robot Competition

Certifications

AWS AI Practitioner | ITIL v4 Foundation | Professional Scrum Master I | SAFe 6 Agilist | Agile Requirement Specialist