

SANCHIT ALEKH

Customer Engineer for AI/ML at Google | ex-Microsoft

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RECENT EXPERIENCE

Customer Engineer for AI/ML

Google

📅 Aug 2025 – Ongoing 📍 Munich, Germany

- Driving AI adoption and implementation for enterprise customers using Google Cloud's AI/ML portfolio.
- Technologies: Vertex AI, Gemini, TensorFlow, JAX, Cloud Run, GKE, BigQuery

Cloud Solution Architect, Data & AI

Microsoft

📅 Jan 2023 – July 2025 📍 Munich, Germany

- Partnered with enterprise clients to architect and deploy AI/ML platforms, specializing in Generative AI industry applications.
- Technologies used: Azure OpenAI, Azure AI Foundry, Azure Databricks, Azure AI Services, Azure ML, Azure AI Search, RAG, GenAI Agents, Industrial Copilots

Senior Data Engineer

Rubinstein & Schmiedel AG

📅 Aug 2021 – Dec 2022 📍 Munich, Germany

- Engineered the core infrastructure for Europe's first fully automated cryptocurrency fund, driving stability for Trader and MLOps workflows.
- Designed and optimized scalable API endpoints and Kubernetes clusters to support high-frequency trading operations.
- Technologies used: Python, Kubernetes, Helm, Prometheus, MLFlow, Elasticsearch, Celery, RabbitMQ, ArgoCD, Docker

Big Data Engineer

Data Reply GmbH

📅 Mar 2019 – Jul 2021 📍 Munich, Germany

- Delivered end-to-end cloud-native data engineering solutions and deployed Conversational AI Assistants for major automotive clients.
- Technologies used: AWS, Azure, GCP, Kafka, Spark, Docker, Kubernetes, Prometheus, Elasticsearch, Scala, Python, Node.js

Data Scientist and Master Thesis Student

AUDI AG

📅 Jan 2018 – Jan 2019 📍 Neckarsulm, Germany

- Developed middleware for Industry 4.0 applications to process and transport large volumes of IoT data reliably.
- Wrote a Master Thesis on a Data Governance Framework with a focus on Data Quality for IoT Applications.

INSPIRATION

"Simplicity is the ultimate sophistication"

– Leonardo da Vinci

KEY COMPETENCIES

- Technical Leadership
- AI Strategy
- System Design
- Stakeholder Management

PROGRAMMING

Python ●●●●●●
Typescript ●●●●●●
Java ●●●●●●

TECHNOLOGIES

Generative AI ●●●●●●
RAG / Agents ●●●●●●
MLOps / LLMOps ●●●●●●
Kubernetes ●●●●●●
Databases (SQL/NoSQL) ●●●●●●
Apache Spark ●●●●●●

LANGUAGES

English ●●●●●●
Hindi ●●●●●●
German ●●●●●●

EDUCATION

M.Sc. in Software Systems Engg.
GPA: 1.3 on the German scale

RWTH Aachen University

📅 Oct 2016 – Jan 2019

B.Tech. (Honours) in Information Technology

GPA: 9.09/10

Indian Institute of Information Technology

📅 July 2012 – June 2016

SELECTED PUBLICATIONS

Conference Proceedings

- Geisler, Sandra et al. (2017). "An Integrated Ontology-Based Approach for Patent Classification in Medical Engineering". In: *International Conference on Data Integration in the Life Sciences*. Springer, pp. 38–52.
- Quix, Christoph et al. (2017). "Ontology Matching for Patent Classification". In: *OM-2017: Proceedings of the Twelfth International Workshop on Ontology Matching*, p. 37.

Articles

- Alekh, Sanchit (2018). "Human Aspects and Perception of Privacy in Relation to Personalization". In: *arXiv preprint arXiv:1805.08280*.

CERTIFICATIONS

Microsoft Certified Azure AI Engineer

Tests abilities in implementation and development using Azure AI Services and Generative AI

Microsoft Certified Azure Data AI Engineer

Tests abilities in implementation and development of data platforms and database solutions

Google Cloud Certified Professional Data Engineer

Implementing Data Platforms using Google Cloud Technologies

Databricks Certified Associate Developer for Apache Spark 3.0

Assesses the ability to apply Apache Spark to achieve data manipulation tasks.

Scrum.org certified PSM-I and PSPO-I

Evaluates the ability to apply the Scrum framework in a Scrum Master and Product Owner role respectively.

ACHIEVEMENTS

Best Presentation Award

at the IDEA League Summer School on Responsible Robotics and AI, held at TU Delft in The Netherlands

Government of India Merit Scholarship Holder

awarded to pursue Bachelor studies in the field of Computer Science

Performed at Theater Aachen

during the Indischer Abend, organized by the Deutsch-Indische Gesellschaft e.V.

HOBBIES



Indian Classical Music

Classical singer trained in the traditional Hindustani style of singing.



Blogging

Maintain a personal blog on sanchitalekh.in where I write about various issues of interest



Debating

Special interest in politics, culture, technology and society

VOLUNTEERING



Volunteered to teach children

in the village of Jhalwa, Allahabad



Volunteer for SPICMACAY

an NGO that promotes Indian classical music and culture. Helped organize two national conventions




Led the university Cultural Council and Music Club

at the university. Helped organise the annual cultural festival.

REFERENCES

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