

Siddhartha Chandra

SENIOR TECHNOLOGIST

DATA SCIENCE & SOFTWARE ENGINEERING

Franz-Jacob-Straße 3, Berlin

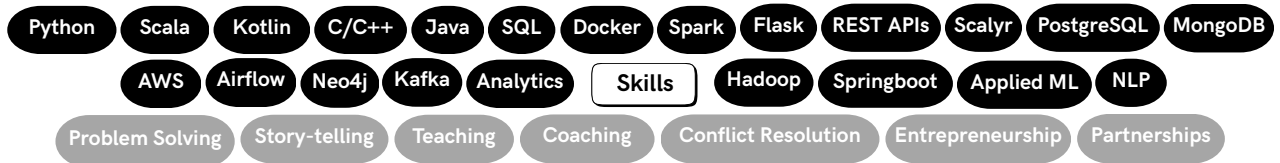
✉ sc3653@columbia.edu

🌐 linkedin.com/chandrasiddhartha

☎ +49 1766 8007936

👤 github.com/siddhartha-chandra

Experienced technologist (**15+ yrs**) blending industry & academic expertise, with a focus on AI innovation



Work Experience [Germany & India]



- Architected a cross-team system for enabling Multi-carrier injection hub in Logistics
- Evolved system for improved fulfilment offering, that resulted in increasing avg. daily shipping by ~120 for Netherlands & Sweden
- Architected a bridge application (tier-2) that consolidates context for fulfilment planning



- Supported ~60 tech startups with a team of 6
- 5 Strategic partnerships; Tech-arm setup
- Managed fund: ~1.3M €

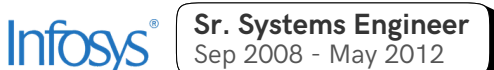


Professor of Practice
Aug 2023 - May 2025

- Teaching: Data Structures (undergrad), Business Analytics (undergrad); Adv Algorithms (MTech)
- Mentorship: Advised 14 technical project groups
- Designed revised syllabus of Data Structures as the convenor, along with 2 professors
- Papers published in international conferences: 5+

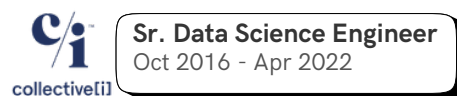


- Established architecture and mentored developers in building a suite of educational offerings for students
- Projections for 2026
 - yearly revenue: 0.43M €
 - MAU: 300; DAU: 100

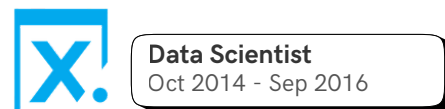


- Part of team recognised for execution excellence at Org level for implementing i8n for a client

Work Experience [US]



- Created a daily data deduplication pipeline for ~10M entities unlocking a speed-gain of 10X
- Co-authored system for predicting win probability, close time & customer revenue based on a deal pipeline for sales-representatives of B2B clients
- Built strong engineering foundations for the Data science team, mentored developers, added dashboard monitoring and played a critical role in legacy code transitions & technical-debt payoffs



- Built a crf-based email parser that outperformed mailgun by ~15% on F1 for signature detection
- Creator & keeper of dashboards for measuring annotation quality, model performance & KPI's

Papers Published

- Advanced AI-driven solutions for Virtual fitting
- Enhancing accessibility for people with disabilities
- Hybrid Optimisation & Explainability-Driven Framework for Creditworthiness Assessment
- Wavelet-Enhanced Transformer Architecture for Dermatological Image Analysis
- Comparative Analysis of Optimized Machine Learning and Deep Learning Models for Credit Risk Prediction

Education



MS in Computer Science
Columbia University, NY
[Sep 2013 - May 2014]



BE in Information Technology
Sardar Patel College of Engg,
Mumbai University, Mumbai
[Aug 2004 - May 2008]