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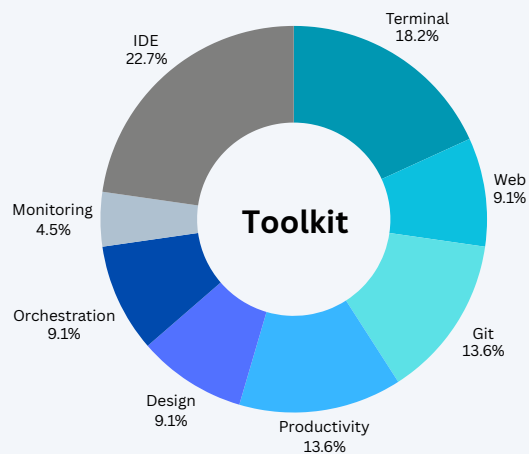
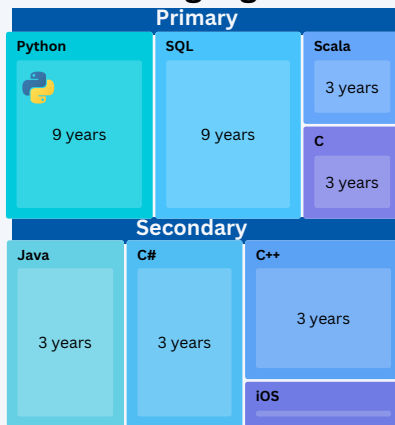


Siddhartha Chandra
TECHNOLOGIST
Otto-Braun-Straße 67

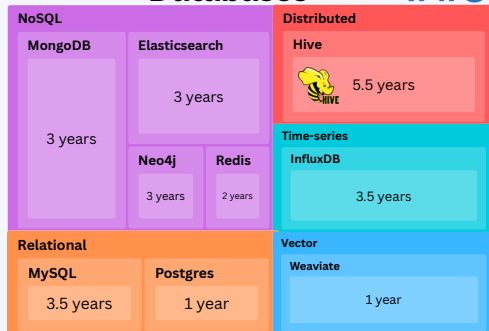
education work



Languages



Databases



Infosys



MISSION

To creatively harness technology and visual storytelling for crafting compelling narratives that inspire, inform and drive positive change

NOTABLES

- SP-TBI:** Strategic partnerships; Org structuring; Tech-arm setup
- SP-IT:** Pushed the performance median of 160 students from **50% to 72%** for the course - Data Structures
- Collectiveii:** Authored a data deduplication pipeline that ran **10x** faster & compressed **10%** more than existing solutions
- x.ai:** Built a crf-based email parser that outperformed mailgun by **~15%** on F1 score for signature detection

PAPERS PUBLISHED & TEACHING

- [Advanced AI-driven solutions for Virtual fitting](#)
- [Traffic Sign recognition with hybrid CNN & RF models](#)
- Data Structures, Advanced Algorithms, Business Analytics

RECOGNITION

- Panelist on an episode of Ministry of Education podcast (2024)
- Company-wide hackathon winner (2020)
- Tech talk @ SEAS, Columbia University (2016)
- PRIMA award (annual) for project execution (2010)

INTERESTS



EDUCATION

MS in Computer Science

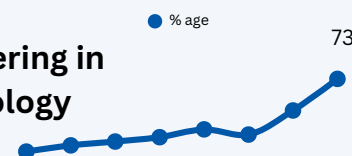
Columbia University,
The Fu Foundation
School of Engineering & Applied Science
New York, NY
[Sep 2013 - Dec 2014]

CGPA: 3.5/4

Machine Learning (ML), Computer Vision (CV),
Image Processing, Algorithms, AI, Security Architecture

Bachelor of Engineering in Information Technology

Mumbai University,
Sardar Patel College of Engineering (SPCE)
[Aug 2004 - Jul 2008]





Zalando
Backend Engineer
 [June 2025 - Present]



Six Ladders
Fractional CTO
 [May 2024 - Present]

Establishing architecture and mentoring developers in building a generative AI equipped LMS



Sardar Patel Technology Business Incubator
CEO
 [May 2024 - May 2025]

Leading a six-member team of an incubator, currently overseeing and nurturing 56 tech startups



Sardar Patel Institute of Technology
Professor of Practice
 [Aug 2023 - May 2025]

- **Teaching:** Data Structures (160 students), Business Analytics (163 students); Advanced Algorithms; Guided development of 30 client-based Analytics projects
- **Mentorship:** Advisor for 5 project groups; mentored the winners of Govt. of India organised Smart India Hackathon 2023 in the category- Disaster Management



NNext.ai
Lead ML Engineer
 [Nov 2022 - Jan 2023]

- Productionized approach for transforming unstructured data into vector embeddings, followed by dimensionality reduction using techniques like PCA, UMAP & t-SNE. Coded & structured the entire functionality from scratch & surfaced it as API's, which could be tested from Postman. Used plotly to test visualisation.
- Built a module to detect outliers and misclassified points in vector space
- Prototyped a feature to empower sellers to query & view product reviews as points in a 3-D space
- Authored a library for database communications. Supported databases include Postgres, Weaviate & NNext DB



Collective[i], New York City
Data Science Engineer
 [Oct 2016 - Apr 2022]

- **Incremental unification workflow**
 Created a light workflow for unifying person & organisation entities; resulted in **10x** improvement in speed
- **Prediction Systems for deal pipeline insights(Python)**
 Co-authored system for predicting deal win probability, close time & customer revenue based on deal pipeline. This included dashboard monitoring, Airflow orchestration, legacy code transition & technical-debt payoff
- **Automl architecture (Python)**
 Prototyped a democratized ML architecture (automl) using h2o.ai for predicting deal pipeline insights
- **Quarterly business report generator (Python)**
 Created a python script for generating quarterly business reports for the client success team. Reports would be generated from queries & sent to stakeholders via email; Simplified UI for inputting parameters using Jenkins
- **Active learning approach for Person profile unification (Python)**
 Created pipeline for de-duplicating people records in the System, achieving compression of **10%**. Added visual time-based dashboards to capture metrics of processes



x.ai, New York City
Data Scientist
 [Oct 2014 - Sep 2016]

- **Dashboard management (Scala)**
 Authored & maintained dashboards for measuring annotation quality, model performance & company KPI's
- **Email-parser (Python & Scala)**
 Created a parser for segmenting emails. Refined it into a linear chain conditional-random-fields (CRF) model. This boosted existing F1 score by **15%**