



ROHAN DHANAWADE

Machine Learning Engineer with 5+ years of software experience building cloud-native data pipelines and AI-driven applications. Currently pursuing an M.Sc. in Big Data & AI in Berlin and developing end-to-end ML projects using Python, Azure, and modern MLOps tools.

WORK EXPERIENCE

ABOUT ME

Date of Birth: 04.10.1997

Address: Dröpkeweg 2A,
12353, Berlin, Germany

Phone: +49 17680019675

Nationality: Indian

Email :
rohan.dhanawade97@gmail.com

Website: <https://rohan-dhanawade.de/>

Linkedin:
<https://www.linkedin.com/in/rohan-dhanawade-25a616142/>

Github:
<https://github.com/rohand575>

Work Authorization: Student
Residence Permit (eligible for
full-time after studies)

LANGUAGES

German – A2 (Learning)

English – Fluent

Hindi – Native

06/2022 – 09/2024

Software Engineer

Metron Security Pvt. Ltd. Pune, India

- Built Python pipelines for log ingestion from Cisco, WatchGuard, ServiceNow, Snowflake.
- Integrated AWS S3, Azure, Pub/Sub for cloud data flows.
- Created Logstash/OPAL parsers for JSON/CSV normalization.
- Delivered on-prem & cloud deployments with full documentation.
- Built internal Slack/Jira automation tools.

06/2019 – 06/2022

Systems Engineer

Tata Consultancy Services Pvt. Ltd. Pune, India

- Resolved global Teamcenter issues via ServiceNow.
- Performed UAT → Production data migrations.
- Enhanced internal CRM Android app for GE sales teams.
- Supported release testing and validation.
- Conducted root-cause analysis for production issues.

EDUCATION

10/2024 – 03/2026 (Expected) — **SRH Berlin University of Applied Sciences Berlin, Germany**

Master of Science (M.Sc.), Computer Science - Big Data & Artificial Intelligence

- Coursework: ML, Big Data, Cloud Computing, IoT, Generative AI
- Thesis (in progress): “Conversational AI System for Symbolic Guitar Strumming Pattern and Chord Progression Generation.”

08/2015 – 04/2019 **Savitribai Phule Pune University — Pune, India**

Bachelor of Engineering, Computer Engineering

- Graduated with CGPA: 8.04/10
- Project: Smart Pill Box (IoT + Android + Firebase application for medication reminders)

CERTIFICATIONS

OCI AI Foundations Associate
(Oracle)

Introduction to Model Context Protocol (Anthropic)

MTA: Security Fundamentals
(Microsoft)

German A1 (Goethe)

PERSONAL INTERESTS

- Guitar
- Fitness
- Videography & Editing
- Traveling

TECHNICAL SKILLS

- Programming Languages: Python, C++, R, Rust (learning)
- Databases and Storage: MySQL, Redis
- Data Processing & Pipelines: Logstash, Snowflake
- Core Competencies: Data Structures & Algorithms, Security Integration & REST API Development, Agile Development & Team Collaboration, unit testing (pytest/unittest)
- Cloud Platforms: AWS(EC2 and S3), Azure
- Others: Docker, ServiceNow, Slack API, Jira API Development
- Tools: Git, GitHub Actions (CI/CD basics)
- Platforms: Linux, Windows, macOS
- Soft Skills: Team Player, Adaptability & Flexibility, Critical Thinking & Problem-Solving, Leadership & Communication

PROJECTS

PDF Chatbot - LangChain + FAISS + Streamlit

Built an AI-powered chatbot that extracts answers from uploaded PDFs using vector embeddings and retrieval.

- Implemented FAISS for fast semantic search
- Used LangChain for chunking, embeddings, and query routing
- Designed a clean Streamlit UI for interactive PDF querying

AI Reel Generator Web App

Created a lightweight platform for generating Instagram-style reels using automated template rendering.

- Built the frontend with HTML/CSS/Bootstrap
- Integrated automated video composition logic
- Focused on simplicity, speed, and template-based editing

Zen Engineering Company Website - Next.js + Vibe Coding

Developed a professional business website using modern React tooling and subtle Vibe Coding for UI styling.

- Implemented custom components, animations, and clean layout
- Ensured responsive design and fast load performance
- Integrated domain + GitHub Pages hosting

House Price Predictor - End-to-End ML Deployment

Developed a full ML pipeline for predicting house prices with cloud deployment.

- Trained a regression model (RandomForest) with preprocessing
- Containerized the API using Docker and deployed on Azure
- Added monitoring, logs, and scalable hosting setup.