

Deepak Gautam

✉ rohit45deepak@gmail.com | 📞 +91 73796 73530 | 📍 Noida, India

🐙 github.com/deepakstark01 | 🔗 linkedin.com/in/deepakstark01 | 🏠 codeforces.com/profile/deepakstark

Skills

Programming Languages: TypeScript, JavaScript, Python, C++

Backend & APIs: Node.js, Express, FastAPI, REST

Front End Development: React.js

Databases: PostgreSQL, Supabase, SQL, NoSQL, MongoDB

AI / ML: LLM Integration, scikit-learn

Data Processing & Analysis: Pandas, NumPy, Matplotlib, ETL

Automation & Scraping: Selenium, Playwright, BeautifulSoup

DevOps & Cloud: AWS, S3, Fly.io, Docker, Linux, GitHub Actions, CI/CD

Problem Solving: Data Structures & Algorithms

Work Experience

Software Development Engineer, SuretyNow (YC-backed), Remote

Feb 2026 – Present

- Work across the full stack in a fast-paced YC-backed insurtech team, shipping features end-to-end using TypeScript, Node.js, and React.
- Built and integrated AI/LLM-powered workflows to automate quoting and document-processing tasks, reducing manual turnaround time.
- Designed and maintained backend services and REST APIs on AWS, with application deployment and infrastructure managed on Fly.io.
- Collaborated with the team on CI/CD, logging/monitoring, and PostgreSQL schema design to keep releases fast and reliable.

Junior Software Engineer, rezonanz.io, Zurich, Switzerland (Remote)

Dec 2023 – Apr 2025

- Developed scalable ETL pipelines in Python web scraping processing 100,000+ records/day, improving delivery speed by 30%.
- Built automated scraping agents pulling structured intelligence from 150+ web sources using Selenium, Playwright, and BeautifulSoup.
- Engineered and cleaned large datasets (500,000+ records) for analytics and machine learning workflows.
- Trained and tested supervised ML models (regression/classification) with an 18% improvement in prediction accuracy.
- Automated cross-departmental data aggregation (100+ manager datasets), reducing manual workload by 40%.

Data Engineer, Automartz Private Limited, New Delhi, IN (Onsite)

Jun 2023 – Nov 2023

- Designed and implemented data ingestion, preprocessing, and transformation pipelines using Python, Pandas, and NumPy on 100,000+ records.
- Built web scraping collectors gathering data from 30+ platforms for automobile industry, reducing manual extraction effort by 35%.
- Developed structured ETL orchestration workflows for internal intelligence datasets supporting ML and analytics teams.
- Produced 20+ data quality and business insight visual reports using chartsJs, MongoDB, and internal dashboards.

Technical Consultant, Acxiom Consulting, Noida, IN

Feb 2023 – Apr 2023

- Assisted QA and testing of a logistics mobile app enabling 500+ delivery drivers to manage route and delivery logs.
- Supported SAP and Microsoft ERP rollout across 2 business units, reducing manual reporting time by 25%.

Education

ITS Engineering College, Greater Noida

B.Tech in Computer Science and Engineering

Aug 2019 – Jun 2023

CGPA: 7.0 / 10

Aile International School, CBSE Board

Senior Secondary (Class XII) – Maths

2019

64%

Aile International School, CBSE Board

High School (Class X)

2017

CGPA: 10 / 10

Projects

Background Remover – AI-Powered Image Segmentation

Jan 2025

- Built a deep learning-based image segmentation pipeline for batch background removal.
- Processed 10,000+ images (512×512) at 200 images/min using an optimized inference pipeline.
- Achieved 92.3% mIoU on validation benchmark.
- **GitHub:** github.com/deepakstark01/background-remover

Ad Watcher – Facebook Ads Scraper (Chrome Extension)

Feb 2025

- Developed a Chrome extension to extract Facebook Ads data by intercepting network API calls.
- Captured structured ad intelligence for competitor analysis and marketing research.
- Implemented using JavaScript with network-level request monitoring.
- **Chrome Web Store:** Ad Watcher

YouTube Comment Extractor – Product Review Analysis

Mar 2025

- Built an automated scraper to extract YouTube video comments at scale.
- Structured raw comments for product analysis and sentiment modeling.
- Designed for downstream NLP and data analytics workflows.
- **GitHub:** github.com/deepakstark01/youtube-comment-extractor

MNIST Handwritten Digit Classifier

Mar 2024

- Implemented a 3-layer dense neural network using TensorFlow/Keras for digit classification.
- Trained on 60,000 images for 3 epochs achieving 85.16% test accuracy.
- Evaluated 10,000 test samples in 2 seconds ($\approx 7\text{ms}$ per sample).
- **GitHub:** github.com/deepakstark01/MNIST-Handwritten-Digit-Classifier

Twitter Data Scraping Automation

Jan 2024

- Built a Python-based scraper to extract Twitter tweet data into structured CSV files.
- Captured usernames, handles, tweet content, timestamps, likes, and retweets.
- Converted unstructured social data into clean datasets for analytics.
- **GitHub:** github.com/deepakstark01/twitterDataScraping

Tweetzy Reply Bot – Engagement Automation Chrome Extension

Dec 2023

- Built a Chrome extension to automate Twitter engagement (auto-like, retweet, replies).
- Reduced manual engagement effort by saving users 5+ hours per week.
- Achieved 1,000+ impressions within the first 3 months of release.
- **Chrome Web Store:** Tweetzy Reply Bot

OLX Ads Scraping – Fraud and Bank Ads Detection

Aug 2023

- Scraped OLX classified ads to identify fraudulent job and bank account rental listings.
- Extracted structured fields including salary range, job type, location, and descriptions.
- Identified scam indicators such as bank account requirements and phone numbers in images.
- **GitHub:** github.com/deepakstark01/olx-project

Awards and Certificates

-
- Machine Learning for All – University of London (Coursera), Grade: 89.5%
 - Hacktoberfest – DigitalOcean Prize (2022, 2023, 2025)
 - Fundamentals of Programming – Coursera