Kuldeep Jadeja

Engineering Manager | AI Integration Specialist | Technical Architect

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Professional Summary

Experienced Engineering Manager with over nine years in software development and leading diverse teams. Skilled in Python and AI technology, I focus on bringing new GenAI features into our projects. I'm good at making complex tech easy to use and leading teams to work together and create great products. My goal is always to turn new technology into something useful and exciting for our customers.

Experience

Litera — Ahmedabad, Engineering Manager, *Mar 2021 – Present*

- Specialize in constructing sophisticated technical architectures and microservices conversion.
- Facilitate technical grooming sessions, enhancing cross-organizational technical fluency.
- Instrumental in streamlining processes and implementing AI integration for advanced product development.

Advarisk — Pune, Technology Lead, *Oct 2020 - Mar 2021*

- Technology Lead, managing tasks, conducting code reviews, and overseeing automated deployments.
- Led distributed computing initiatives and created technical architectures.

Accio.ai — Mumbai, Team Lead, *Oct 2017 - Oct 2020*

- Team Lead and Machine Learning Engineer.
- Designed project flows and database architectures, developed scrapping and automation scripts.

Infiny Webcom Pvt Ltd — Mumbai, Software Developer, Jan *2015 - Sep 2017*
- Full-stack developer role encompassing end-to-end solution development.

Education

KJ Somaiya College of Engineering, Mumbai
B.E. (Information technology), JUNE 2010 – MAY 2014

Khalsa College, Mumbai
HSC (Science), JUNE 2008 – MAY 2010

IES School, Mumbai
SSC, JUNE 1998 – MAY 2008

Skills

Technologies
Python, Django, Flask, FastAPI, HTML, CSS, JS, JQuery, Docker, Celery, Redis, RabbitMQ

Databases
MongoDB, MySQL, PostgreSQL

Machine Learning & AI
Object Detection, Image / Video Processing, Text Classifier, AWS Computer Vision APIs, Azure OpenAI Services, Prompt Engineering, Model Fine-Tuning

Other: Scrapy, Data Analysis, GIT, JIRA, Elastic Search, bash scripting

Languages

- English
- Gujarati
- Hindi
- Marathi

Projects

- **Nebula — GenAI Based Search tool:** This advanced application enhances contract, clause, and definition searches by integrating foundational data, significantly improving search efficiency and accuracy in legal and corporate environments.

- **Bestpractix — Contract Parser and Clause Recommendation Service**: Developed a platform to aid lawyers in contract drafting by integrating organizational knowledge, improving efficiency in legal document handling.

- **Advasmart — Property Due Diligence and Monitoring**: Created a due diligence platform for early fraud detection in real estate transactions, widely recognized by leading financial institutions in India.

- **Griffin — Store Visitor Analysis**: Implemented machine learning models to analyze CCTV streams for customer insights such as age, gender, and visit duration in retail stores.

- **BARC — Logo Detection and Insights**: Developed an ML model to identify brand logos during IPL matches, providing key viewership metrics for brand exposure analysis.

- **Uber — Document Verification**: Engineered a system for verifying driver identities using Dlib's face matching algorithm and conducting sentiment analysis on uploaded images.

- **Grab Enterprise — Content Monetizer**: Processed OTT platform videos using AWS API to extract insights like celebrity recognition, emotion, and logo detection.

- **Social Shop — Instagram Shop**: Innovated a product mapping solution that identifies outfits in celebrity Instagram photos for e-commerce applications.

- **Oenomad — Trip Planner**: Designed a web application for trip planning utilizing geolocation technology.