

# Ankit Khare

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**Career Highlight:** Developer Relations: 4 years; AI Research: 2 years; Software Engineering: 2 years.

## Skills

Interpersonal Skills	Excellent communication and technical writing skills, with a knack for simplifying complex ideas. Experienced in cross-functional team leadership and connecting dots to create successful DevRel function. Entrepreneurial mindset with a strong work ethic. Quickly absorbs technical knowledge and can convey it effectively to diverse audiences. Detail-oriented with a history of fostering community growth and forming strategic alliances. Deep empathy for end-users and developers. Passion for building communities around AI technologies and forging them with engagement that creates a sense of belonging and drives collaborative innovation.
Software Technologies	Python, RestAPI, Git, Scikit-Learn, PyTorch, FastAI, Pandas, NumPy, SciPy, SQL, Flask, HTML, JS, LangChain, LlamaIndex, Prompt Engineering
AI/ML	Strong foundation in AI/ML, with a solid understanding of MLOps, Computer Vision (CV), Natural Language Processing (NLP), Vector databases, and Foundation Models including Large Language Models (LLMs) and Vision Language Models (VLMs).

## Career Summary

### Developer Relations Specialist

Rockset

Focus: Brand and Product Awareness

Oct 2023 - Present

- Devised a **comprehensive DevRel strategy** using the **AAARRRRp** framework to prioritize activities targeted around top-of-the-funnel awareness
- Check out** my **latest webinar** with the **VP of DevRel at LlamaIndex, Laurie**, and the **Co-founder and CEO of SuperLinked, Daniel**, on the **inseparable connection between vector databases and GenAI**
- Represented Rockset in **AWS re:Invent 2023** and created a **Recommender System Demo App** to display at the booth screen
- Attended several AI events in the Bay Area e.g., Scale by the Bay 2023 in Oakland
- Delivered **a workshop on "Building Recommendation System using vector search and OpenAI"** to engage our slack community
- Recently **hired and directly managing** two technical writers, two video editors, and a growth hacker to **speed ramp Rockset's social media growth**
- Organizing monthly **code-along workshops** in collaboration with influencers in the AI and data ecosystem to enrich and engage our vibrant community. Check out my last workshop - **Build a RAG-Powered Chatbot and Self-RAG Deep Dive**

### Lead Developer Experience Advocate

Twelve Labs, Inc.

Focus: Awareness, Activation, and Product

Feb 2023 - Sep 2023

- Actively participated in over **40 offline tech events** in the Bay Area within three months to increase awareness about our products and technologies, and gather valuable product feedback
- Founded and fostered the **'Multimodal Minds' Discord community**, growing it to **600 engaged members within just three months**
- Organized **a weekly webinar series, 'Multimodal Weekly'** to engage our discord community
- Delivered talks and demos** on diverse topics such as deep learning, multimodal AI, video understanding, and GenAI at tech events in the Bay Area
- Established **KPIs for gauging the success of our developer relations outreach**
- Authored product and API tutorials** tailored for our developer audience
- Launched the **'Lunch and Learn' campaign**, inviting a range of stakeholders – from founders and developers to managers and researchers – to interact with our product and **share insightful feedback**

## Head of Content and Developer Relations

Abacus.AI (Formerly  
RealityEngines.AI)

May 2020 - Feb 2023

FOCUS: DEVELOPER EXPERIENCE, COMMUNITY, DOCUMENTATION

- Increased **workshop engagement from 20 to 1200 regular sign-ups**
- Led **product demo sessions** for high-profile potential customers, achieving a **90% conversion rate**
- Boosted social media engagement efforts and established **11.5k strong Twitter following**
- Set **KPIs for measuring documentation quality** and funnel for developer relations success
- Collaborated with end-users, solutions architects, product managers, and research teams to **identify product gaps, operationalize goals and processes based on community feedback, and aid in laying out a roadmap for future features and verticals**
- Created **YouTube shorts** on latest AI trends and video assets on new product features, e.g., **Recommendation Engine Pitch**
- **Published a monthly newsletter** reaching over 5500+ individuals
- Designed **the doc-center** screens which also inspired in-product design changes for the entire product
- Led the **Model Showcase** effort to completion during **Series B** by **training 20 Deep Learning-based models on common industry use cases**
- Designed and wrote **in-product contextual help** to make the **product more intuitive** and assist executives in better evaluating trained ML Models
- **Published articles** on company culture, user-success stories, ML concepts, and AI/ML technologies

## Graduate Research Assistant

UT-Arlington LEARN Lab

IMAGE CAPTION GENERATION USING ENCODER-DECODER-BASED ARCHITECTURES

Sep. 2018 - May 2020

- Approached image captioning in a novel way where **human-like captions with better collocations and contextual inferences** were observed. The **state-of-the-art model** (1GB size) took 48 hours to train using 2 **NVIDIA P100 GPUs in parallel** on GCP outperforming existing SOAs by a significant margin (3.7%)
- Developed a **deep learning-based parking tracker** prototype and published tutorials on it

## Software Engineer

Nagarro Software Pvt. Ltd.

WEB DEVELOPMENT

Apr. 2014 - Feb. 2016

- **Web Development** using technologies like **C#, SQL, and knockout JS**. Contributed as a team player following **Agile (Scrum) methodology**
- One of the 3 out of 6000 students in joint-campus drive to get an offer. Impressed by **my technical, quant, and analytical scores**, Nagarro organized an on-campus hiring drive at my university
- Received 85% appraisal at the end of 1<sup>st</sup> year of job and recognized as **"star performer among Junior Associates"** in Technology

## Work Samples (Orange text is clickable)

### Workshops, Blogs, Webinars

DevRel, Rockset

- Latest workshop - **Build a RAG-Powered Chatbot and Self-RAG Deep Dive**. Watch the recording [here](#)
- Webinar - **GenAI, RAG, Vector Databases: Bridging 2023's Evolution with 2024's Vision**, in collaboration with **VP DevRel at LlamaIndex, Laurie and CEO at Superlinked, Daniel**. Watch the recording [here](#)
- Wrote a blog post - **A blueprint for a real-world recommendation system** in collaboration with the **CEO of Fennel.ai, Nikhil Garg**. Check the post [here](#)
- Code-along workshop - **Build a Recommendation System WebApp using Vector Search and OpenAI embeddings**. Watch the recording [here](#)

### Talks, Blogs, Webinar

DevRel, Twelve Labs

- **Invited as the Guest speaker of the month** at the **MUX monthly video meetup SF** presenting on, **"AI infrastructure that levels up the content creation game"**. Watch the recording [here](#)
- Invited by **AI for Devs** community to speak on **video intelligence API**. Watch the recording [here](#)
- Developed **5 web applications** using **Python, Flask, HTML, CSS, JS, and Ninja template** to demonstrate how Twelve Labs API can be creatively utilized. Authored Twelve Labs **product tutorial blogs** and included the relevant web application to demonstrate the practical applications and functionalities of the API, helping users to better understand and implement the technology in their own projects. See them [here](#)
- Hosted the **Multimodal weekly webinar**. Check the recording [here](#)

### Workshops, Docs, Blogs

DevRel Abacus.AI

- Maintained and significantly contributed to the **Abacus.AI documentation**: <https://abacus.ai/help/connectors>
- **Hosted live YouTube streams and webinars** on various topics like "Training End-to-End Deep Learning-Based Predictive Models", "Building a Deep Recommender System", and "Efficient Data Manipulation for Deep Learning Models". Find them [here](#)
- Conducted **workshops** on **Explanations and ML Pipelines - ML in Production** and **Develop Customized Neural Nets - Forecasting and Predictive Modeling**
- Contributed **80% of the content in the Doc-center**: <https://abacus.ai/app/help/overview>
- Wrote extensive **in-product contextual help**, data wrangling docs, and guides for using connected external services (AWS, GCP, Snowflake, etc.). See sample [here](#)

## Personal Projects

UT-Arlington

- Watch a **7-minute Video Portfolio** to know me and my creativity
- **Easy Street Parking using Computer Vision** - a comprehensive tutorial created during research assistantship in LEARN lab at UT-Arlington
- **Automatic Parking Management** - a project undertaken during computer vision course as part of master's degree
- A video on **Machine learning is Everywhere** - a video created as a part of software engineering class presentation
- YouTube **Channel Intro** - intro video for my own YouTube channel

## Research Publications

### Show, Infer and Tell: Contextual Inference for Creative Captioning

Best Student Paper Runner-up

VISION + LANGUAGE AND DEEP LEARNING

Presented in ORAL Session BMVC 2019

- Received **Best Student Paper Award Honourable Mention**. Declared as **one of the Top 3 Papers out of more than 1000 submissions** in BMVC 2019 held at Cardiff, Wales, UK after getting selected for ORAL presentation (Acceptance Rate 4.6% with only 38 oral presentations). Paper can be found **here**. For further details, please check **Oral presentation video**
- The beauty of the work lies in the way it architects the fundamental idea that humans look at the overall image and then individual pieces of it while captioning it. **Outperformed state-of-the-art Bottom-up captioner** improving significantly in every metric on MSCOCO Karpathy split

### Abstracting Traversability to Plan the Path Better and Faster

LEARN LAB

PATH PLANNING AND DEEP LEARNING

Jan. 2020 - May 2020

- **CNNs** have never been used for finding **directional probability** from grid maps. This work demonstrates how such traversability maps can be used by RRT to plan paths faster with optimum accuracy

## Education

### The University of Texas at Arlington

Arlington, Tx, USA

M.S. IN COMPUTER SCIENCE (RESEARCH TRACK WITH FOCUS ON A.I.)

2016-2019

- Received **Texas Public Education Grants (TPEG)** 2018-19 for **excellent research record**
- Received directed study proposal from professor to invest maximum time in research topic due to strong knowledge of neural networks acquired mainly through MOOCs: cse231n from Stanford, Jeremy Howard's fast.ai, and Andrew Ng's deeplearning.ai

### Lovely Professional University

Punjab, India

B.S. IN COMPUTER SCIENCE

2010-2014

- Received 80% scholarship for the entire program on the basis of state-level engineering examination (M.P. P.E.T.)
- Appointed by Executive Dean to develop and test enrollment portal, 'Honor's Guru' for efficient enrollment of students in classes

## DevRel Partnerships and Activities

Dec. 2023	<b>The Secret Sauce - Vodcast with AK</b> , I started my own vodcast on YouTube to raise awareness within the community about the art of Developer Relations	DevRel Podcast
Apr 2023	<b>Deep Learning Bootcamp by FSDL</b> , Twelve Labs sponsored the three-day LLM BootCamp 2023 event organized by Full Stack Deep Learning (FSDL). I was able to secure them a special discount for this sponsorship	Event Sponsorship
Nov 2023	<b>ServerLess Party, Las Vegas</b> , an informal hangout with AWS heroes and serveless community in Las Vegas during AWS-re:Invent 2023	Building Relationships
Mar 2023	<b>DevRel Get-together organized by RedPoint Ventures</b> , attended the invite-only Developer Relations hangout and had the pleasure of learning from DevRel veterans. Got the opportunity to enroll in Jono Bacon's Community Building program	DevRel invite-only event