

# Vedant Khairnar

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## TECH EXPERIENCE

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### Developer Advocate

June 2022 – Present

*Catalogic Software*

*Remote*

- Collaborated with the leadership team for community development and social media activation as the first Developer Advocate for CloudCasa.
- Working closely with the leadership team to develop product strategy and create technical content.
- Contributing to the development of internal features for the CloudCasa product.
- Community Management, Technical Content Writing, Leadership, Developer Relations

### Software Engineer

May 2021 – June 2022

*Persistent Systems Ltd.*

*Nagpur, India*

- Worked on IDFC Bank Projects as part of UCTopUp, ACEPL, and CrossSell team as Salesforce Developer.
- Received High-Five Team Award for exceptional contribution to the team's success.
- Earned a special mention for outstanding performance in New Cohort Activity.
- Salesforce, Teamwork

### Community Research Consultant [Contract-based]

June 2022 – July 2022

*Google (via Amplinate)*

*Paris, France(Remote)*

- Represented Google Cloud EMEA and identified top developer communities, podcasts, and newsletters in the UK, Germany, France, and Israel for Google Cloud EMEA.
- Conducted extensive research to determine which parameters held the most weight in the selection process.
- Strategically sorted and prioritized communities based on their relevance and impact.
- Freelancing, Community Research, Google Cloud

### Artificial Intelligence Lead Intern

Jan 2021 – June 2021

*Megahoot LLC*

*Florida, USA(Remote)*

- Spearheaded the AI/ML domain of the company, driving innovation and success in the field.
- Developed VeroHive, a cutting-edge videoconferencing platform that incorporates virtual background and green screen technology.
- Utilized Tensorflow JS to create a Virtual Camera Filter App and AR filters, demonstrating a mastery of machine learning technology.
- AI/ML, Image Processing, Augmented Reality

### Application Developer Intern

June 2020 – Nov. 2020

*Tessellate Imaging*

- Contributed to Monk AI: OpenSource Wrapper Tool for Deep Learning.
- Created several Deep Learning Applications using Monk AI.
- Created highly accurate Transfer Learning based Object Classification and Detection Models (Animal Classification, Chest Disease Classification, Blood Cells Detection, etc.)
- Deep Learning, Image Processing

## COMMUNITY EXPERIENCE

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### Founder

July 2020 – Present

*DevScript*

- A Product-based tech community with motto, 'Where Development meets Opportunities!'
- Developer Ecosystem of 15k+ developers spread to 11+ countries and 120+ institutions.
- DevScript Campus Clubs in around 70 campuses from 3 countries.
- Community Management, Leadership, Developer Relations

### Organiser

June 2022 – Present

*Google Developer Groups Cloud Nagpur*

*Nagpur, India*

- Built a community of 8k+ members in 5 months.
- Organised several workshops, meetups, and conferences to develop Cloud culture in Nagpur.
- Spoke on cloud computing Evangelised Google products, especially GCP.
- Organised Cloud Community Day Nagpur 2022, 1st Cloud Conference of Nagpur
- Encouraged others to not just participate in communities but also lead them.

**Shri Ramdeobaba College of Engineering and Management**  
*Bachelor of Engineering in Computer Science and Engineering - 8.6/10 CGPA*

Nagpur, Maharashtra, India  
*June 2017 – June 2021*

## TOP PROJECTS

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**Locust Tracker (58 ★)** | *AI, Cesium JS, OpenCV, Python, Monk AI* April 2021 – April 2021

- \* Won the Most Popular Choice Award at Microsoft Azure AI Hackathon.
- \* Web application that tracks the real-time locust's location and visualizes wind patterns on earth and predicts the probability of locust swarm attack on any given location.
- \* Implemented a great visualization using Cesium JS and ML model using satellite imagery from Sentinel.
- \* Used Image Processing to detect green grasslands part and used winds to trace the route of Locusts.

**Chest X-Ray COVID-19 Detection (18 ★)** | *AI, Transfer Learning, ResNet, Python* June 2020 – June 2020

- \* Developed a Chest X-Ray based COVID-19 detection system using transfer learning techniques and Monk AI, an open source deep learning wrapper tool to train models to which I have contributed.
- \* Achieved high accuracy of 97 % in detecting COVID-19 cases from chest X-rays, demonstrating the effectiveness of the developed system in supporting clinical diagnosis.
- \* This project was published in newspaper and was highlighted by many developer communities.

**Adaptive Traffic Control System (27 ★)** | *AI, YOLO, Python, Bash* Mar 2020 – Apr 2020

- \* Implemented a self-adaptive traffic light control system using YOLO, a state-of-the-art object detection technology, to optimize traffic signal phases based on queue density and waiting time per vehicle.
- \* Developed a system to efficiently manage disproportionate and diverse traffic in different lanes, resulting in increased utilization of time slots and reduced waiting time for vehicles.
- \* Utilized computer vision and machine learning to create a smart traffic signal system that is able to process real-time traffic conditions and move as many users through intersections as possible while minimizing conflicts.

**Eventify** | *Flask, ReactJS, MongoDB, OpenCV* Mar 2023 – Mar 2023

- \* Developed and implemented an Event Management System, featuring QR code-based ticketing, event check-in, payment integration, quiz platform, and public speaker directory.
- \* Successfully reduced check-in time by 65%, streamlining the registration process and enhancing the organiser as well as the attendee experience.
- \* Implemented Flask for the backend, ReactJS for the frontend, and MongoDB as the database technology to ensure efficient data management and scalability of the platform

**Multi-lingual ChatBot for Federal Ministry** | *AI, NLP, MERF, Python* July 2021 – July 2021

- \* Freelancing Project for Federal Ministry for Family Affairs, Senior Citizens, Women and Youth (Germany).
- \* MERF Stack web-app with CRUD operations for chatbot question-answer database.
- \* Uses googletrans for Language Translation and Admin panel using React Admin.

## TECHNICAL SKILLS

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**Languages:** Python, Java, SQL, JavaScript, Golang

**Frameworks:** Flask, Node JS

**Database and Cloud:** GCP, Azure, Heroku, MongoDB, PostgreSQL, AWS

**Domains and Technologies:** Machine Learning, Cloud, Kubernetes, NLP, Web Development, Web3, Salesforce

## ACHIEVEMENTS

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**Research Paper:** Face Recognition based Attendance System— Twitter Sentiment Analysis

**Certifications:** Microsoft Certified: Azure Fundamentals(AZ900)— Microsoft Technology Associate(Python)

**Hackathon:** Most Popular Choice Project award at Microsoft's Azure AI Hackathon. — Judged 5+ hackathons, Mentored 10+ hackathons

**Community Roles:** GDG Cloud Nagpur Organiser— Trainer @ AICTE— Mentor@MLH— Microsoft Innovative Educator— Azure DevCom Nagpur Organiser— TFUG Nagpur Co-organiser

**Miscellaneous:** Hackerrank Gold Badge Collection— Amdocs Hackfest AIR 24 — ICPC Honorable Mention— Lock Fest Winner — Most Resourceful Person [AI/ML FDP by AICTE]