

Vedant Khairnar

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TECH EXPERIENCE

Developer Advocate

June 2022 – Present

Catalogic Software

Remote

- Working with the leadership team on the CloudCasa product as company's first Developer Advocate.
- Devised strategy for community development, social media activation and contributed to technical content.
- Worked on the development of some internal features of the 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 a big role in team's success.
- Received special mention at 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 communities from the EMEA region.
- Targeted dev communities, podcasts, and newsletters from the UK, Germany, France, and Israel.
- Involved researching what parameters hold more weightage and sorting the communities as per the needs.
- Freelancing, Community Research, Google Cloud

Artificial Intelligence Lead Intern

Jan 2021 – June 2021

Megahoot LLC

Florida, USA (Remote)

- Led the AI/ML domain of the company.
- Worked on VeroHive- Videoconferencing platform on virtual background and green screen technology.
- Worked on a Virtual Camera Filter App and AR filters using Tensorflow JS.
- 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

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

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

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

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]