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REPORT

DATE: 13TH OCTOBER, 2024

TIME: 9:00 AM - 6:00 PM

VENUE: ARYABHATTA AUDITORIUM, SILVER OAK UNIVERSITY

PARTICIPANTS: 250



Introduction

Celebrating Open Source Weekend and 11th Hacktoberfest at Open Source Day X Hacktoberfest 2024, was organized under the lime light of Open Source Community Foundation, IEEE SOU SB, GDG on campus SOU and Supported by Comexpo Cyber Security Foundation, in Association with The Hackers Meetup, Community Partners Node Ahmedabad, GDG Gandhinagar, GDG Cloud Gandhinagar, CNCF Gandhinagar, GDG Cloud Ahmedabad, Hashicorp Ahmedabad, Laravel Ahmedabad, Grafana Ahmedabad, CNCF Ahmedabad, Flutter Flow Gandhinagar, MongoDB UG Ahmedabad, Drupal Ahmedabad, Mozilla Gujarat, Elastic Gujarat, DevOops Gujarat. This event was full of energetic lineups and insightful talks, a stage for everyone from the beginner to the experts to explore open-source technologies.

About the Speaker:

This remarkable event owes its success to our incredible lineup of speakers, whose insights and energy transformed it into an unforgettable experience:

- Mr. Ashish Tiwari: Senior Developer Advocate, India Elastic
- Mr. Rishang Bhavsar: Automation, Platform Engineering | Devops
- Mr. Ruchit Patel: Leading Impact Team of Artisan, ViitorCloud; Solution Architect; co-organizer , Laracon India
- Mr. Sanjay Vaghela: CTO, IQM; Wharton ExecEd; Ex-McKinsey, IISc-alumn
- Mr. Devarsh Shah: Senior Full Stack Developer @ IQM
- Mr. Parth Jansari: Senior Software Engineer Senior Software Engineer Impulsive Web
- Mr. Drijesh Patel: Engineering Leader & Program Manager, IBM; Gen AI & Agile Expert | Accelerating Cloud Solutions & Cyber Security; IBM QRadar
- Mr. Nisarg Shah: Cybersecurity Intern,Wartsila; Meng. In Cybersecurity, Texas A&M University

About the Session:

Date: October 13, 2024
 Venue: Aryabhatta Auditorium, 5th Floor, EB-Block, Silver Oak University
 Participants: 250

Session 1:

The day began with a thought provoking session conducted by Mr. Ashish Tiwari sir, aimed around to bring the attention of participants as he embarked on an interesting journey on ElasticSearch explaining how open-source organizations develop. For instance, some well-known companies like Netflix, Meesho, and Dream11 are notable users of the Elastic Stack. Adding to the rich history of Elastic Stack which was operated under the Apache 2.0 license, a factor that played a crucial role in fostering its community-driven growth.

He also explained the transition of Elastic NV, for example, in 2021 from the Apache 2.0 licence to SSPL and ELv2 had actually found that exact balance between keeping technology accessible as open source while keeping it sustainable. He cleared many of the misunderstandings about the new licences. Furthermore, the session concluded with Mr. Tiwari engaging with a volley of questions from an excited audience, discussing greater technical depth and advising attendees on how to participate in open-source projects like Elastic and Mr. Neel Shah sir felicitated Mr. Ashish with a token of gratitude.

Session 2

The next session was led by Mr. Rishang Bhavsar sir, who presented the core values that make for open-source transparency, flexibility and collaboration. He further dove deeper to explain that open source empowers developers and at the same time provides business owners with flexible, innovative solutions designed according to their needs. This session inspired the audience with open source's vital role in fueling growth and sparking creativity across various industries.

Mr. Rishang Bhavsar provided a detailed walk-through of essential platforms such as GitHub, GitLab, and Bitbucket explaining how they enable developers to collaborate on projects from anywhere in the world. The session concluded on a high note with the speaker sharing a bonus tip about the GitHub Student Developer Pack and GitHub Copilot. To mark the occasion, Mr. Mehul Patel sir presented a memento of appreciation to Mr. Rishang Bhavsar sir.

Session 3

Mr. Ruchit Patel dove into breaking the barriers of open source by starting the session with a conversation about how open source has progressed while taking the audience through the enlightenment of the process of giving back. The session continued with him exploring further into his expression by providing an example of how each individual contributes from the best mentorship, but they are giving back to their fellow travellers travelling through the crucial realm of programming proving that open-source wasn't just about coding but about collaboration and growth in unison.

He also demystified this process making a first contribution by providing a step-by-step explanation of how to fork a repo, create a branch, make the necessary changes, and submit a pull request. He further envisioned a promising future for open-source, driven by emerging technologies like AI and blockchain. Once again Mr. Neel Shah sir came on the stage and felicitated Mr. Ruchit with a token of gratitude.

Session 4

Mr. Sanjay Vaghela sir along with Mr. Devansh Shah sir gave a very interactive session on scaling SaaS platforms with the help of open-source technologies. They began their presentation with the programmatic ad ecosystem, underlining the massive scale of the data it deals with and all the difficulties regarding maintaining the same against the requirement of performance, reliability, and cost-effectiveness.

They dove into the IQM Tech Stack, explaining how open-source tools are used across various areas of front-end, data engineering, and through DevOps. The architecture they used proved that open-source solutions would be a possibility for easy horizontal scaling across the layers of their platform. Useful takeaways were given at the end of the session as open source was believed to be an integral part of scaling SaaS platform building, from front-end to back-end operations. The session came to an end as Mr. Viral Parmar presented a memento of appreciation to the reputed speakers.

Panel Discussion:

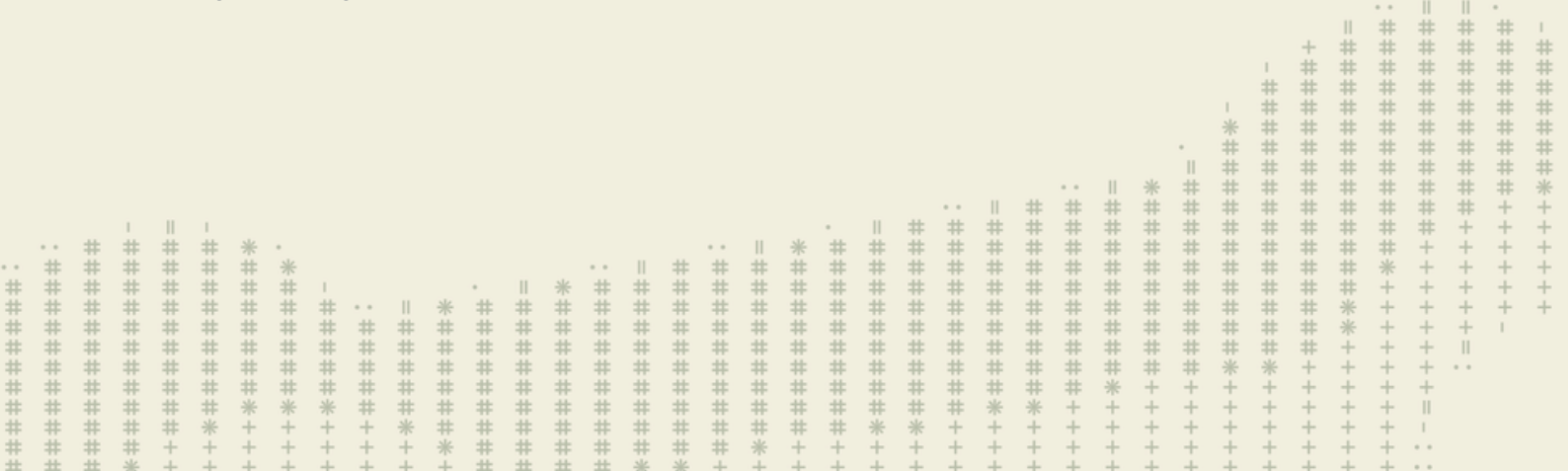
A session with a perfect storm of energy, engagement, and ideas flourished as Ms. Krupa Galiya ma'am led an engaging panel with Mr. Parth Jansari sir, Mr. Nisarg Shah sir, Mr. Drijesh Patel sir, Mr. Ashish Tiwari sir and Mr. Ruchit Patel sir, who shared valuable insights on building and nurturing a vibrant open-source community. The conversation was dynamic, with panellists offering real-life examples of both successes and challenges, giving the audience a well-rounded understanding of community building.

The panellists highlighted the significance of inclusivity, consistency, and engagement in building a successful community. They stressed that success goes beyond technical aspects, focusing on fostering relationships, supporting newcomers, and creating a welcoming environment for all. The session was highly interactive, with the audience actively participating by sharing questions and experiences, leading to a meaningful exchange of ideas.

Closing Note:

As the event came to a close, Neel Shah kept everyone inspired with a great closing note, focusing on how building DevOps communities does magic in the open-source ecosystem. As a developer advocate, he touched on the problems of mentorship and advocacy as platforms for collaboration and innovation.

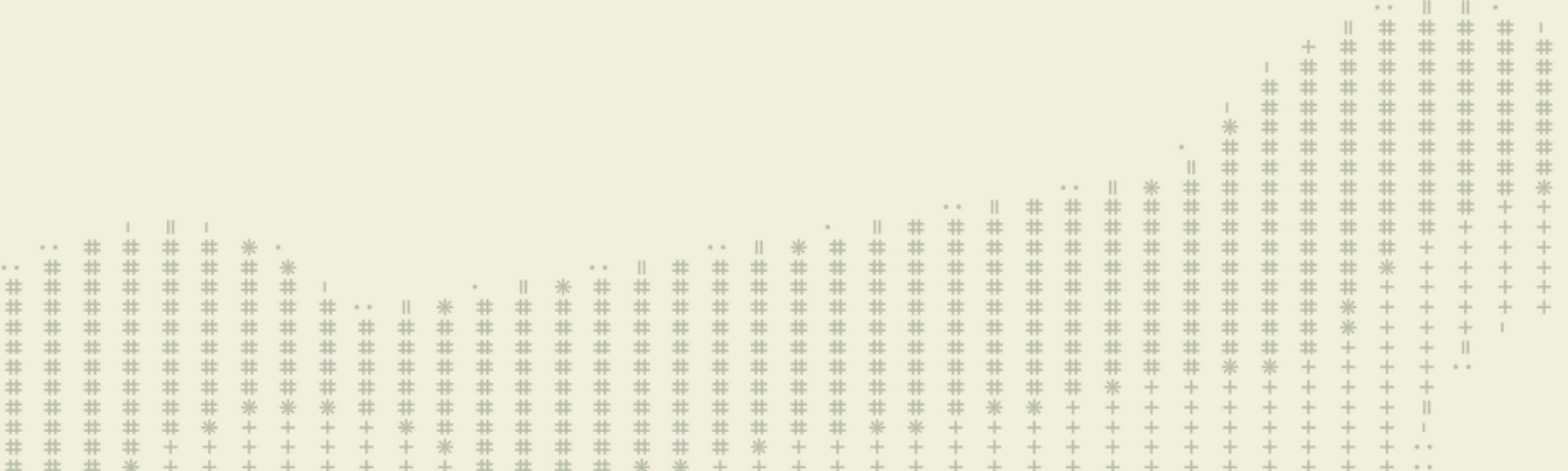
Finally, Ms. Gunja Shah and Mr. Neel Shah added their appreciation for the support to the honourable Prof. Satvik Khara and Prof. Digant Parmar for making the event a mass success. Open Source Day X Hacktoberfest 2024: Innovation, collaboration, and community spirit reign supreme. The occasion showcased all the efforts of the community partners while dishing out exciting goodies for the winners. In this way, participants left here inspired with their feedback before setting out for contribution in the open-source landscape, thus making this a gathering that can open doors to meaningful change.

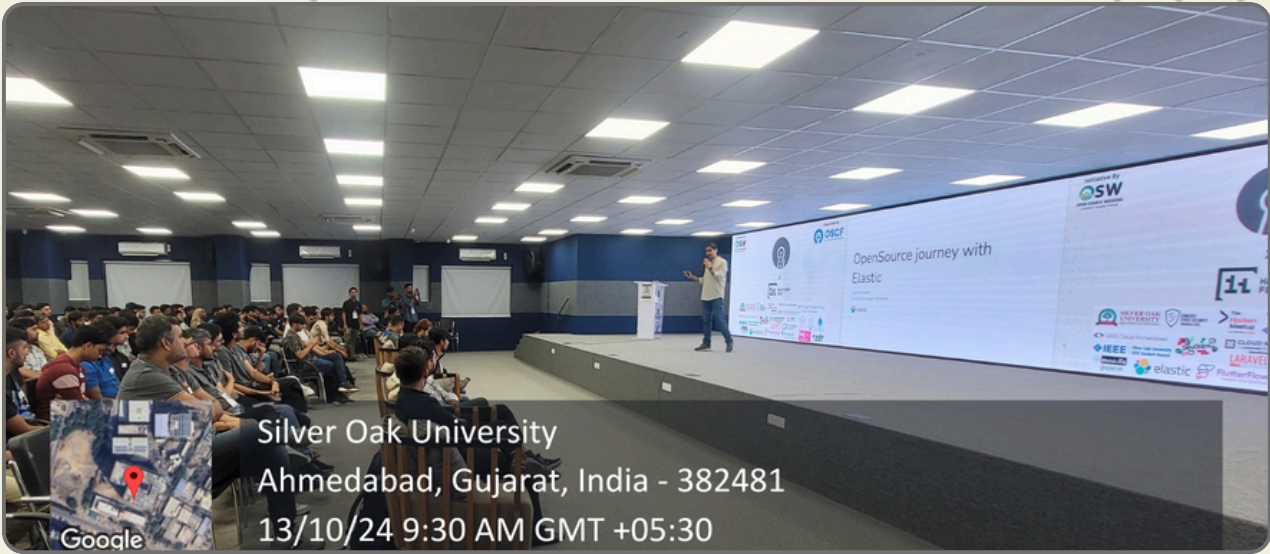


Conclusion:

The active involvement of members greatly amplified the success of Open Source Day X Hacktoberfest 2024. Their dedication and efforts brought the event to life, from meticulous planning and coordinating with community partners to ensuring smooth session transitions and participant engagement. These members not only showcased their organizational skills but also embodied the collaborative ethos of open source by inspiring attendees to dive into the world of innovation and contribution. Their impact resonated throughout the event, leaving a lasting impression on participants and setting a benchmark for community-driven initiatives.

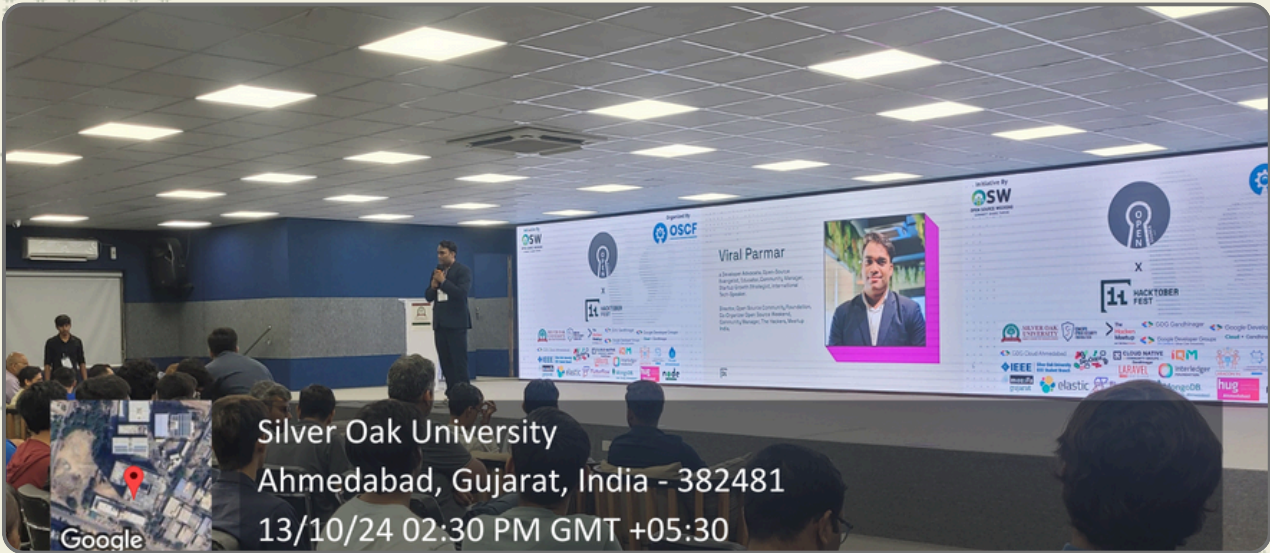
This endeavor was successful under the guidance of Dr. Satvik Khara, Dean, Diploma Engineering, Silver Oak University; Head, Department of Computer Engineering, SO CET; IEEE Senior Member; Chairperson, SIGHT, IEEE Gujarat Section; Secretary, Computer Society, IEEE Gujarat Section; and Founding Member, Silver Oak University IEEE Student Branch who has provided indispensable guidance and braced the Student Branch towards excellence.





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Opening with a session on the Open Source journey with Elastic.



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Mr.Viral Parmar engaging the audience with insights.



Attendees asking thoughtful question to the speaker.



Panel discussion on fostering a thriving open-source community!



Group photo celebrating teamwork and dedication!

