



Hack to Hire

Overview and Guidelines



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1.0 About IndiGo

IndiGo is India's largest and most preferred passenger airline and amongst the fastest growing airlines in the world.

We have a simple philosophy: offer fares that are affordable, flights that are on time, and provide a courteous and hassle-free travel experience across our unparalleled network. We show that low cost does not mean low quality. With our fleet of over 360 aircraft, we operate well over 2,000 daily flights, connecting over 110+ destinations (of which 33 international), welcoming 100+ million customers on board last year. We have an industry leading on-time performance and one of the highest customer NPS in the Indian market. At IndiGo, we will continue to extend our scope, by spreading our wings internationally, developing from a domestic carrier to a global aviation leader.

2.0 IndiGo's Digital Transformation flight

IndiGo's digital journey has taken off in earnest. Responding to the ever-growing challenges and opportunities in the areas of customer experience, revenue maximization or costs reduction through increased productivity and optimization techniques, IndiGo has commenced several aligned digital initiatives. IndiGo has crafted a clear strategy and blueprint for its digital transformation journey to be 'future-ready'.

Beginning with the combination of the erstwhile separate IT and digital teams into one entity viz. IndiGo Digital, existing teams have been augmented with top talent, to drive digital at pace. Further, a customer data platform (CDP) start-up has been engaged to build IndiGo's next generation intelligent customer data hub. Rapid experimentation has commenced on how IndiGo's assets, its data, and the trust it engenders in millions of customers, can be leveraged to build multiple digital marketplaces, yielding new revenue streams.

Innovations such as IndiGo's homegrown digital solutions for airport passenger services have successfully undergone trials at some airports and a broader rollout is being planned. Several actions are underway to improve IndiGo's digital channels including forming new agile squads to deliver the website and app features in rapid sprints, reworking the underpinning technology architecture and the user experience design.

3.0 IndiGo's Hack to Hire

Overview :

The intent of the hackathon is to engage with our target tech pool (Full stack developers & Data Scientists) in a creative and non-traditional format with the end goal of recruiting talent subject to our hiring bar.

On the day of the hack, we endeavor to give you a sneak peak of our mission and culture with an immersion into how Digital is striving to drive authentic transformation for IndiGo.



What to expect on the Hack Day i.e. August 3rd (Saturday), 2024.

Venue: 2nd Floor, Plot no-2, Netaji Subhash Marg, Sector 44, Gurgaon. Near Huda City Center.

Please note that we won't have Parking at the venue and request you to manage travel accordingly.

Reporting time: 09:30 AM

Guidelines

1. **As a re-requisite, please carry your personal laptop to the venue.** Access to the Internet and development platforms would be provided by IndiGo.
2. **We will request you to pre-install the below Tech-stack in your laptops:**

a. Tech Stack:

BackEnd	(.NET Core - Version 6), (Python-Version3.11), (Nodejs-Version18,) (Java-11), (Springboot-Version3.0)
FrontEnd	(Angular - Version 15), (React-Version 0.14)
Database	(MSSQL-SQL Server 2022), (MongoDB-Version6), (MySQL-Version8), (PostgreSQL-Version-15)

b. IDEs:

- i. Github Account
- ii. VS Code, Eclipse, Jupyter Notebook
- iii. Workbench for MySQL, PostgreSQL
- iv. Postman for API

c. Node JS 18+ stable version

d. Frontend: Angular v15 / React v0.14 to be used as UI-Frontend

e. Backend

- i. .NET Core 6.0 Installed
- ii. Python 3.11 stable version
- iii. Java 11+, Springboot 3.0

f. Databases:

- i. MySQL Community Server 8
- ii. MSSQL 2019 Developer Edition

Important Document Links



Pre-Requisites	Hack2Hire PreRequisites v1.2.pdf
Developer Guide OCP	Hack2Hire DevGuide v1.2.pdf
Problem Statement	Hack2Hire ProblemStatement v3.1.2.pdf
Reference Tutorials	<p>1. Subscribe to the OpenShift channel on YouTube to learn about OpenShift. To start and understand the basic https://www.youtube.com/watch?v=KTN_QBuDplo</p> <p>2. For guided tutorials and experience all RedHat products and Technologies create a RedHat account login in https://developers.redhat.com/developer-sandbox.</p>
Drop in clinic for Indigo Hackathon	Q&A Session Link, 26 July 2023 @6:00 PM

**** Notes**

- **The pre-requisites** is your instruction to set up a GitHub account.
 - **Developer Guide** is the step-by-step instruction for using the Redhat OCP environment.
 - **Problem Statement** is the case scenario that you have to develop using tech-stack (responsive web application). The same has to be used while coding on the day of the Hackathon.
 - **Reference tutorials** are videos provided to help you familiarize yourself with the environment.
 - The **drop-in clinic** is scheduled for context setting and solving your queries.
3. Please adhere to the reporting time in the schedule mentioned above. Given it's a packed day, we won't be able to provide adequate support to late joiners on the day.
 4. You'll be tagged to a mentor identified by IndiGo to navigate the process.
 5. Please email Divya.x.Jain1@GOINDIGO.IN to route our queries to IndiGo regarding the hackathon.
 6. Refer to the attached JDs for a run-through of requirements on experience and technical skill set.

Please note: Candidates are prohibited from communicating with any outside party and cannot solicit assistance from anyone (including staff) during the time they are participants of the hackathon, unless permitted by IndiGo. On the hackathon's result, IndiGo's decision is final and binding and no correspondence will be entered into in relation to such decision.

Verifying eligibility:

IndiGo reserves the right to verify your eligibility. You agree to provide IndiGo with any proof of eligibility requested by IndiGo and your refusal or failure to timely provide such proof may result in your disqualification from the hackathon.