

# Training Notification Form, IIT Delhi

## Company Overview

<b>Name:</b>	NPCI
<b>Website:</b>	<a href="https://www.npci.org.in/who-we-are/about-us">https://www.npci.org.in/who-we-are/about-us</a>
<b>Company Type:</b>	Finance
<b>Description:</b>	NPCI is a not for profit company building a robust, scalable and affordable payments infrastructure for India

## Project Details

<b>Designation:</b>	Intern
<b>Type:</b>	Other (Internship)
<b>Location:</b>	Mumbai/Chennai/Hyderabad

**Project Details:** Blockchain :

What will you be Doing?

We are in process building India's Blockchain Infrastructure to cater to India's financial institutions. During your internship, you will be working with world class developers, designers, domain specialist to solve core engineering problems in the area of Blockchain, Distributed Systems, DevOps/Cloud that impact the financial services ecosystem of the nation.

As a intern in the Blockchain team, you get an opportunity to work in the following capacity:

- o As a software engineer, building core Blockchain components and decentralised applications
- o Designing technical components with functional and non-functional requirements
- o Solving core engineering challenges around scalability, optimising throughput and low latency of distributed systems, databases with data replication and consistency for population scale

It would be desirable if you are:

- o Equally comfortable working in teams and as an individual contributor
- o Knowledge of one of the following programming languages: GoLang / Typescript / Angular JS / Nodejs
- o Expertise or in-depth knowledge in Distributed Systems, NoSQL Databases, DevOps/Cloud

Analytics :

Who joins NPCI gets to work on projects and platforms that impact the payments and financial services ecosystem of the nation.

- o Data Engineer

You would be responsible for:

- Interacting with cross-functional teams to foster a data driven payments

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  - Creation of data pipeline for models which include data preparation, data cleaning, transformations using open source tools such as DBT, Feast, Kubeflow, Mlflow etc
  - Working on big data systems such as Hive, Trino and spark for feature generation and data processing
- o Data Scientist
- You would be responsible for:
- Working on exploratory models such as fraud prediction
  - Finding opportunities to create and automate repeatable analyses or build self-service tools for business users
  - Building traditional machine learning models and deep learning models - which would work on tabular data, images, voice, and text -- all of which are related to use cases in the payments domain
- o ML Engineer
- You would be responsible for:
- Creation of ML models for data pipelines and engineering infrastructure to support the machine learning systems at scale
  - Building docker images of the machine learning models and deploy them onto production systems.
- o Insight Analyst
- You would be responsible for:
- Working with the Analytics leads to define clear business requirements for data analysis projects
  - Extracting, cleaning and preparing data for analysis using PL/SQL, Python
  - Performing exploratory data analysis (EDA)
  - Interpreting data, formulating hypotheses and developing an analytical approach to generate data driven insights

## Stipend Details

<b>Stipend:</b>	40,000 INR Per Month
<b>Accommodation:</b>	No
<b>Travel Expenses:</b>	No
<b>Perks / Bonus:</b>	NA

## Selection Process

<b>Resume Shortlist:</b>	Yes
<b>Written Test:</b>	No
<b>Online Test:</b>	Yes
<b>Group Discussion:</b>	No

<b>Personal Interview:</b>	Yes
<b>No. of Offers:</b>	20
<b>Selection Process:</b>	10th/ SSC - 60 % and above ; 12th / HSC - 60 % and above ; BTECH - 60 % and above (till current sem) ; Only 1 year gap allowed after 12th / HSC

## Eligibility

<b>Diversity Recruiting:</b>	No
<b>Eligible Years:</b>	Graduating in 2025 (Pre-Final Year Students) - B.Tech / Dual / Master's
<b>Eligible Departments:</b>	B.Tech in Biochemical Engineering & Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Energy Engineering, B.Tech in Engineering Physics, B.Tech in Engineering and Computational Mechanics, B.Tech in Materials Engineering, B.Tech in Mathematics & Computing, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, B.Tech in Textile Engineering