Job Notification Form, IIT Delhi

Company Overview

Name:	Shadowfax Technologies Private Limited
Website:	https://www.shadowfax.in/
Company Type:	Other (Logistics)
Description:	Shadowfax is India's leading crowdsourced technology based multi category last-mile express logistics platform, where technology is used to drive supply chain solutions, serving 500+ cities. Shadowfax is the first ever B2B platform which provides an array of products and services to serve multiple categories - including food delivery, multi-city fulfilment, express shipping, same day delivery services, reverse logistics ,online retail (physical goods e-commerce) , Pharma and grocery through a single platform, improving the earnings of delivery partners across the day.
	Shadowfax's services range from providing riders for doing a 30-minute delivery to four-day delivery. The company does not hire a delivery fleet – More than 100k+ delivery personnel come online daily for a few hours and pay about US$1.5 per hour.
	4 years into the industry, Shadowfax handles over 500,000 unique orders per day for over 170 clients across 500+ cities. We provide a modular set of e-commerce technologies and logistics solutions to over 7000 pin codes. We are the largest logistics partner for Flipkart, Amazon, Bigbasket and the only player providing outsourced Logistics services to O2O Segment.
	Shadowfax has a 60% market share in the outsourced food delivery market and believes it's delivery cost works out lower (vs food delivery players) due to cross-utilization of delivery personnel across different categories and platforms.
	Shadowfax has a US$60 MN annualized revenue run rate currently which it expects to increase to US$350 MN by FY23
	Shadowfax, founded by IIT - Delhi Alumni, Abhishek Bansal, Vaibhav Khandelwal in 2015. Shadowfax's leadership team combines world-class talent and entrepreneurial experience gathered at some of the best companies in the world. The company is well-funded by marquee investors like Eight roads, IFC(financial arm of World Bank), NGP, Mirae Assets and Qualcomm Ventures.
	If you value autonomy, enjoy challenges and are passionate and believe in getting things done, experienced Human Resource Business Partners who can turn ideas into reality, and fast and can work with minimal supervision come join us.

Job Details

Designation:	Data Scientist
Type:	Other (Logistics & Supply)
Place of Posting:	Bengaluru
Job Details:	About us:
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Our Strong Foundation
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Working at Shadowfax
Shadowfax believes in an open, intellectually honest culture where everyone is given the autonomy to contribute and do their life's best work. As a part of the dynamic team at Shadowfax, you will have a chance to learn new things, solve new problems, build your competence and be a part of an innovative design-and-tech startup that's revolutionizing the logistics industry.

We Foster a culture that values first principle thinking and problem solving, impacts and encourages constructive feedback, engagement, inclusion and diversity at all levels.

Our core values define our identity and form the basis of our actions and reflect in everything that we do at
Shadowfax. Values enable us to shape the desired organizational culture in which each Shadowfaxian can thrive and be at their best.

Responsibilities:
● Contribute to the development/ deployment of machine learning algorithms, operational research,
semantic analysis, and statistical methods for finding structure in large data sets.
● Use advanced statistics and machine learning on large scale multidimensional data and generate
actionable insights and contribute to drive operations and develop strategies at Shadowfax.
● Breakdown business problems by working closely with Product Team and Leadership Management
Team, analyze requirements and recommend products and solutions with the help of data analysis.
● Optimize Shadowfax's operations by applying data science in solving complex business problems.
● Collaborating with cross-functional teams like Logistics, BD, Sales, Marketing, Security, Customer
Service.

Skills Required:
● Supervised Machine Learning Algorithms: Logistic Regression, Bayesian Approach, Decision Trees,
Support Vector Machines. Neural Networks, Ensemble Methods, Feature selection techniques etc.
Understanding of advanced algorithms (i.e. Deep Learning) will be good to have.
● Good understanding of Unsupervised and Semi-supervised Machine Learning Algorithms.
● Optimisation Algorithms: Mathematical Programming (Linear/Non-linear

techniques), Convex
Optimisation, Transportation Problem, Vehicle Routing Problem, Facility Location
Problem, Queuing
Theory, Inventory Management, Forecasting Techniques, etc. Knowledge about
meta-heuristics like Genetic Algorithm, Tabu Search, Simulated Annealing, etc
would be beneficial.
● Strong programming skills in Python. Good understanding of R will be
appreciated.
● Significant experience with SQL databases, especially experience in handling
geographic data like
PostGIS on PostgreSQL will be appreciated.
● Good to have experience with NoSQL databases like MongoDB, Elastic Search,
Redis or any graph
database but not mandatory.
● Some experience with big data tools like Spark, Hadoop will be a plus.
● Team Player, Good communication skills, Problem solving ability

Joining By: 30 June 2022

Salary Details

CTC:	1,950,000 INR Per Annum
Gross:	114,717 INR Per Annum
CTC Breakup:	Fixed - 14 Lakhs + Variable – 1.5 Lakh + Joining/Retention Bonus – 2 Lakh (after completion of probation period of 6 months) + Retention Bonus – 2 lakhs (after completion of 1.5 years) Note: If the candidate leaves before completion of 1 year after 6 months of probation period, he/she has to return the amount received as Joining Bonus.
Perks / Bonus:	Medical Insurance, Phone Bills Reimbursements

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	4
No. of Offers:	2

Eligibility

Recruiting PHDs: No

Eligible Departments: 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 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, B.Tech and M.Tech in Biochemical Engg & Biotechnology, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, B.Tech in Civil Engineering and M.Tech in Geotechnical and Geoenvironmental Engineering, B.Tech in Civil Engineering and M.Tech in Water Resources Engineering, B.Tech in Mechanical Engineering and M.Tech in Thermal Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Civil Engineering and M.Tech in Structural Engineering, B.Tech in Civil Engineering and M.Tech in Construction Engineering & Management, B.Tech in Textile Engineering and M.Tech in Computer Science & Engineering, B.Tech in Engineering Physics and M.Tech in Computer Science & Engineering, B.Tech in Chemical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Production Engineering