

Job Notification Form, IIT Delhi

Company Overview

Name:	Newzera Tech Labs Pvt Ltd
Website:	https://www.newzera.com/
Company Type:	Information Technology
Description:	<p>Based out of Indore, Newzera is a growing brainchild of our founder Shrey Sharma, nurtured by our other founding members.</p> <p>Our core belief is to redefine the idea of journalism by developing a machine learning algorithm that can help the industry (Robo-journalism to keep it short). We're currently working in stealth mode and are looking to build our team with young and skilled people.</p>

Job Details

Designation:	Software Engineer
Type:	Information Technology
Place of Posting:	New Delhi/Indore (MP)
Job Details:	<p>Job Profile</p> <p>Job Title: Software Engineer Job Type: Full Time Company Name: Newzera Company Location: Indore, MP Compensation: Best in the industry Industry: Deep Tech, Artificial Intelligence, Computer Software, Online Journalism Functional Area: Software Engineering, Machine Learning</p>

About the Role -

Machine Learning is like Tarantino/Nolan films. Everyone talks about them, few actually understand but not many can create the same. Like those films, ML can be too cerebral, but if you have the magical powers to find patterns in everything you see, and are crazy enough to teach things to a computer, you're a rare species and you know it.

If massive data brings Christmas early for you; if mathematics is still your first love and you possess a third eye for statistics, we are looking for you!

Technically, we are looking for a Software Engineer and Newzera could just be the perfect haven for you.

Responsibilities -

- Design, develop, test, deploy, maintain and improve ML models/infrastructure and software that uses these models.

- Work with large, complex data sets. Solve difficult, non-routine analysis problems, applying advanced analytical methods as needed. Conduct analysis that includes data gathering and requirements specification, processing, analysis, ongoing deliverables, and presentations.
- Build and prototype analysis pipelines iteratively to provide insights at scale. Develop comprehensive knowledge of data structures and metrics, advocating for changes where needed for product development.
- Research and develop analysis, forecasting, and optimization methods to improve the quality of user-facing products.
- Design, develop, test, deploy, maintain client-side and server-side architecture
- Develop and manage well-functioning databases and applications
- Build features and applications with a mobile responsive design
- Take end-to-end ownership of the feature releases
- Write reusable, modular and efficient code
- Write effective APIs
- Write technical documentation
- Write client-side code for web-based applications, create fast, easy-to-use, high volume production applications, and develop prototypes quickly
- Participate in code reviews
- Contribute to engineering efforts from planning and organization to execution and delivery to solve complex engineering problems
- Work as part of a small team, which will include other - React Native developers, Full-stack Developers, Data Scientists, a project manager, QA professional, and designers
- Work with modern tools including Monday.com, Slack, GitHub, Google Docs, etc.
- Complete two-week sprints and participate in sprint retrospectives and daily standups
- Assist with building estimates
- Manage individual project priorities, deadlines and deliverables.

Tech Stack -

Tech needs in our fast pace startup are always ever-changing and we select the best tech for the required job. To give an idea, they are as follows:

- Product stack: React Native, Node.js, Java script, HTML, CSS, React, GraphQL, Apollo, Detox, Fastlane
- Backend stack: Python, Java, Spark, C++, Serverless, Terraform, Docker, Ansible
- Database: DynamoDB, Hive, AuroraDB, MongoDB, MySQL
- Relevant Frameworks: Tensorflow, Pytorch, Keras, Huggingface, Scikit, MapReduce
- Infrastructure: AWS, Custom Deep Learning servers with latest Nvidia GPU

Minimum qualifications -

- Bachelor's degree with Major in Computer Science
- Experience with software development with one or more general programming languages (e.g. Java, C/C++, C#, Python, JavaScript)
- A solid foundation in computer science, with strong competencies in data structures, algorithms, and software design
- Experience with one or more of the following areas: Server Backend Distributed and Parallel Systems, Full Stack Development (frontend and backend), Scalable Enterprise Platforms and Applications, Application Security and Incident Management, Machine Learning, Information Retrieval or Natural language processing

Preferred qualifications -

- Relevant work experience in machine learning software development and architectures for machine learning (with focus on deep learning)
- Ability to share knowledge via formal mentoring, review code, review design documents, deliver technical talks, teach classes, or consult on projects
- Research or Industry experience in Artificial Intelligence, Machine Learning (ML) models, ML infrastructure, Natural Language Processing or Deep Learning
- Applied experience with machine learning on large datasets
- Interest and ability to learn other coding languages as needed

- Interest in the social network domain, automated journalism domain is a plus

On-site Benefits worth INR 40000 (per month) -

- No need to get 'dabbas' from home. We've got it covered with delicious 5 star catered breakfast, lunch and dinner for you, every day!
- A fully stocked pantry! You can go on munching till your mouth hurts
- Sponsored educational programs for self development
- Support for paid online learning programs
- Quarterly excursions and off-sites as a part of team-building exercises

Other Benefits -

- An adorably neat and fully air-conditioned boutique office, you would hate to leave
- Shiny new MacBooks, screen setup, headphones, etc. for better work productivity
- Opportunity to work with the best talents from all over the world
- Fun working environment
- There are multiple posture related problems that occur in our field of work. While we can't have Phoebe on board with her masseuse skills, we do have all the right gadgets and a physiotherapist just a call away, to relieve you from any kind of pain. Except the heart-ache. We have good coffee to help you cope with that!

Joining By: 9 May 2022

Salary Details

CTC:	3,688,000 INR Per Annum
Gross:	1,980,000 INR Per Annum
CTC Breakup:	1. CTC: INR 28 LPA (one year); INR 36.88 LPA (4 years) a. In Hand Salary: INR 16.35 LPA b. Performance Based Bonus: upto INR 2.45 LPA c. Joining Bonus (one time): INR 1 Lakh d. Relocation Benefit (one time): worth INR 0.4 Lakh e. Onsite perks and benefits: worth INR 4.8 LPA f. ESOPs: worth INR 3 Lakh (one yr); INR 12 Lakh (4 years)
Perks / Bonus:	a. Performance Based Bonus: upto INR 2.45 LPA b. Joining Bonus (one time): INR 1 Lakh c. Relocation Benefit (one time): worth INR 0.4 Lakh d. Onsite perks and benefits: worth INR 4.8 LPA

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No

Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	6
No. of Offers:	5
Minimum CGPA:	CGPA \geq 8.0

Eligibility

Recruiting PHDs:	No
Eligible Departments:	B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Mathematics & Computing, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing