

# Job Notification Form, IIT Delhi

## Company Overview

**Name:** Mistral Solutions Pvt Ltd

**Website:** [www.mistralsolutions.com](http://www.mistralsolutions.com)

**Company Type:** Core (Technical)

**Description:** Mistral Solutions, is a product design and system engineering company providing end-to-end services for product development. For 25 years, Mistral has built and expanded its expertise in the embedded space. Mistral's products and services have been at the forefront of introducing the latest technologies across verticals like: Defence and Aerospace, Consumer Electronics, Semiconductor, Medical Electronics, Wireless, Automotive Electronics, Industrial Applications, Telecom and Networking and Homeland Security.

## Job Details

**Designation:** Software Engineer

**Type:** Core (Technical)

**Place of Posting:** Karnataka Bengaluru

**Job Details:** Job Description: Software Engineer  
As a Software Engineer you will be part of the team working on design, architecture, development, coding, integration, testing of software for various products, embedded systems as well as server or cloud make use of various software development tools, processes, and programming languages.  
Depending on project requirements, you will get an opportunity to work on various software components such as firmware, BSP/Device drivers, Networking protocols, Middleware and Applications (both GUI (Graphical User Interface) and backend applications) and test automation.  
You will get an opportunity to work on latest processor architectures from CPUs (multi core and multi processors), to GPUs, ASIC and FPGA devices and various operating systems from Linux to Free RTOS, VxWorks etc (Symmetric and Asymmetric Multi processing, Multi threading), middleware and protocols (OpenGL, Wired and wireless protocols including Satellite Networking etc).  
There will be opportunities to work in a variety of market segments such as Defence, Aerospace, Industrial/IoT, consumer etc.  
Required Qualifications (Required Skills):

- Education: B.E/B. Tech and M.Tech in CSE, ECE / Other engineering branches with very good academic background scores & skills.
- Strong programming skills in C/C++/Java/Python etc (One of them)
- Very good knowledge in Data structures
- Very good knowledge of Operating System concepts, and programming knowledge on any of the Operating Systems like Linux/Android/ Windows/RTOS (Either one of them)
- Very good knowledge of Computer Architecture (Microprocessor/Microcontroller Architecture) Good knowledge of, Memory management, Process handling, Computer Networks
- Excellent communication skills (verbal & written), analytical, problem-solving

skills, ability to write technical documents and present ideas.

- Ability to quickly analyse, incorporate and apply new information & concepts, and a self-starter with a positive attitude.

- Very good knowledge of Software engineering/development processes (Agile/Waterfall /V-Model)

Soft skills:

- Good communication skills

- Be able to clearly communicate

- Be able to perform clear written documentation of tests and experiments on computer

- Proactive team player, Ability to take up ownership and finish activities, Fast learner, adaptive, good problem solving skills

- Ability to take up responsibilities

Additional Info:

- Mainly In-office job, option to work from home on a need basis

- Monday to Friday, Work Week

Preferred Qualifications (Desired Skills/Experience) (nice to have):

- Knowledge of object-oriented design (OOD), UML

- Knowledge of AI, ML, 5G, Cloud technologies.

- Opensource projects contributions

- Knowledge and Experience of developing Web GUI (front end and back end), relational databases, time series databases and SQL (Depending on electives chosen)

**Joining By:** 1 July 2022

## Salary Details

<b>CTC:</b>	800,000 INR Per Annum
<b>Gross:</b>	800,000 INR Per Annum
<b>Base Salary:</b>	800,000 INR Per Annum
<b>Joining Bonus:</b>	0 INR Per Annum
<b>HRA:</b>	0 (min) -0 (max) INR Per Annum
<b>Medical Allowance:</b>	0 (min) -0 (max) INR Per Annum
<b>Other cash benefits part of gross:</b>	0 (min) -0 (max) INR Per Annum
<b>RSUs:</b>	0 INR Per Annum
<b>ESOPs:</b>	0 INR Per Annum
<b>Performance/other bonuses:</b>	0 (min) -0 (max) INR Per Annum
<b>Other cash benefits part of CTC:</b>	0 (min) -0 (max) INR Per Annum

## Selection Process

**Resume Shortlist:** Yes

<b>Written Test:</b>	No
<b>Online Test:</b>	Yes
<b>Group Discussion:</b>	No
<b>Medical Test:</b>	Yes
<b>Personal Interview:</b>	Yes
<b>No. of Rounds:</b>	3
<b>No. of Offers:</b>	10
<b>Minimum CGPA:</b>	8

## Eligibility

<b>Recruiting PHDs:</b>	No
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<b>Eligible Departments:</b>	<p>B.Tech in Biochemical Engineering &amp; Biotechnology, B.Tech in Chemical Engineering, B.Tech in Civil Engineering, B.Tech in Computer Science &amp; 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 Mathematics &amp; Computing, B.Tech in Mechanical Engineering, B.Tech in Production &amp; Industrial Engineering, B.Tech in Textile Engineering, B.Tech and M.Tech in Biochemical Engg &amp; Biotechnology, B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science &amp; Engineering, B.Tech and M.Tech in Mathematics &amp; Computing, M.Tech in Applied Optics, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science &amp; Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering &amp; Management, M.Tech in Control &amp; Automation, M.Tech in Cyber Security, M.Tech in Electric Mobility, M.Tech in Energy &amp; Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis &amp; Design, M.Tech in Environmental Engineering &amp; Management, M.Tech in Fibre Science &amp; Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics &amp; Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis &amp; Analysis, M.Tech in Optoelectronics &amp; Optical Communication, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines &amp; Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design &amp; Technology, M.Tech in Rock Engineering &amp; Underground Structures, M.Tech in Solid State Materials, M.Tech in Structural Engineering, M.Tech in Telecommunication Technology &amp; Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools &amp; Technology, M.Tech in Water Resources Engineering, M.Sc in Chemistry, M.Sc in Cognitive Science, M.Sc in Economics, M.Sc in Mathematics, M.Sc in Physics, 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 Civil Engineering and M.Tech in Structural</p>
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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 Mechanical Engineering and M.Tech in Thermal Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, M.S.(R) in Machine Intelligence & Data Science, M.S.(R) in Applied Mechanics, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Energy Science and Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology