Curie Bloch
Healthcare Innovation

Data Analyst Internship

(Mentorship Intern)

Prepared by

RESEARCH AND DEVELOPMENT TEAM

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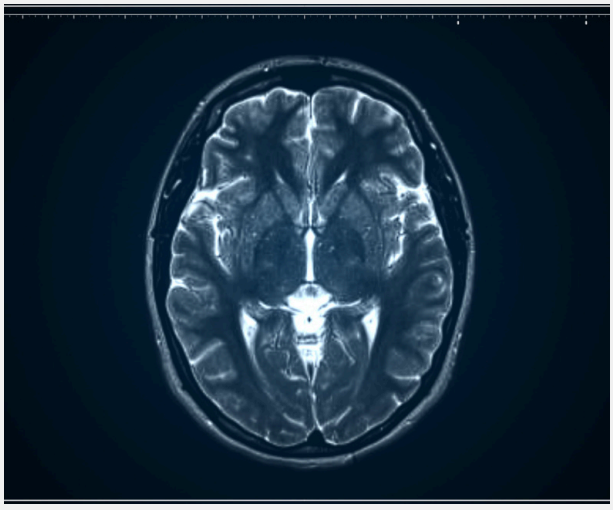
Who We Are?

1.2 M $	Capital
23	Employees
5	Core Teams
6	Partners

Curie Bloch is an Indo-German industry started by a group of like-minded people from domain expertise in medicine, engineering, biology and biochemical joined to solve problems in biomedical, hospital, healthcare-information technology and bio-instrumentation.

Innovative software solutions in ventilator therapeutic equipment and magnetic resonance imaging (MRI) revolutionise the healthcare industry. Our eminent team members offer a groundbreaking impact on the medical industry. Enhance the healthcare environment by the efficient simulation model.



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Goals of Curie Bloch Healthcare Innovation

2032

ACCELERATE THE GROWTH OF THE HEALTHCARE INDUSTRY

Our Objective is to manage 20,000+ healthcare professionals by improving operational insights, lowering operational costs and optimising the productivity of healthcare professionals in hospitals.

2028

EMPOWER THE ENGINEERING AND CLINICAL RESEARCH

To attract 1000+ research organisations, academic institutions, and industry to promote remarkable research outcomes.

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Our Mission

Roles and responsibilities of an interns

Weekly, Interns will implement data analytical tasks, analytical case studies or product prototype development.

Critical Data Analytics sections - Probability, Statistics, Data Visualization and Machine Learning Model. Working with extensive and large-scale dataset with SQL and NOSQL.

Working across various tools like Python Programming, other Industry Standard Tools and library packages.

Confident in handling tasks as a person or Team. Willing to learn German if required, documenting the process of the task is a must.

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Timeline

03 October 2025

Internship Starting Date
(Remote-Internship)
Timing: 17:00 (IST)

Internal Communication & Meeting:
Microsoft Teams

Industry Tools:

- Microsoft Visual Studio,
- Jetbrains (Clion, PyCharm, IntelliJ),
- Jupyter

(Nice to have atleast 2 standard industrial tools aforementioned)

- MariaDB SQL, NOSQL,
- Project Management Tool (Youtrack),
- Git Version Control,
- Data Application Tools (eg, Plotly)

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Timeline

01 **Week-1**

Onboarding meeting for the internship centered on medical regulatory affairs and data analytical design.

02 **Week-2**

The essential role of data analytics implementation related to probability, statistics, matrix methods, and other computational methods through a wireframe product methodology.

03 **Week-3**

The first stage of our industrial design journey begins with a collaborative meeting, where we lay the groundwork for a robust probabilistic model and explore its distribution.

04 **Week-4**

The second stage of our industrial design journey begins with a collaborative meeting, where we lay the groundwork for a robust probabilistic model and explore its distribution.

05 **Week-5**

Advanced data handling practices include data storage, retrieval, querying, cleaning, and manipulation. This process also involves preparing standardized data models to create ready-to-use datasets for AI and ML model training.

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Timeline

06 **Week-6**

Data Visualization from large-scale datasets, understanding various complex data visualization methodologies, and drawing conclusions with valuable insights.

07 **Week-7**

Prominent aspects of the core stage one statistical design and visualization model.

08 **Week-8**

Meeting on stage two Statistical Design, Error Analysis integration into the analytical model, and discussion of product development activities at the R&D business unit.

09 **Week-9**

Stage one design implementation of regression analysis and its components

10 **Week-10**

Stage two design implementation of non-linear regression analysis and its components

11 **Week-11**

Networking meeting on the core implementation of tasks and features related to a software model for medical products. (Discussion includes Respsol, Larmor of Curie Bloch Healthcare Innovation)

12 **Week-12**

Final assignment module allocation for Interns from the R&D business unit. Task allocation includes the development of software model prototypes and highly innovative designs. Interns will undergo product prototype design, complex data analytic cases and team meeting presentation

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Application Process

1. **Fill out the application form in the career portal.**

2. **ATS and Manual shortlisting (Shortlisting candidates moves to next level of process for R&D business unit)**

3. **Video interview / Telephonic interview (High level technical round and HR interview process)**

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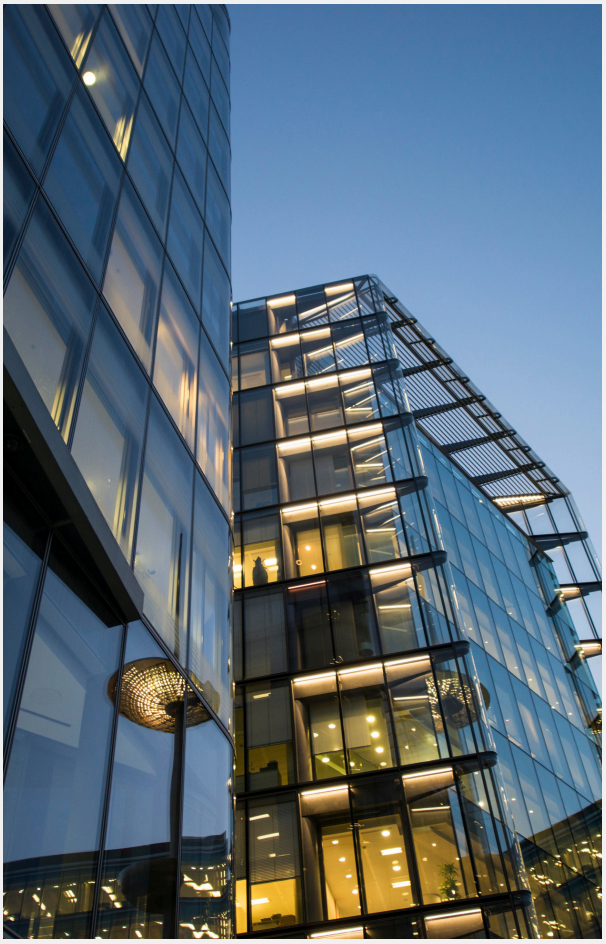
Ready to Get Started?



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