



Certificate of Internship

TO WHOM IT MAY CONCERN

This is to certify that **Kaustav Dasgupta** has worked as a Project Management Intern at Foruppo from 6th May 2024 to 20th August 2024.

He learned major Project Management Methodologies and processes. He was part of the Project creating a minimalistic product and was also selected to work on a vital project as part of the core team for a new Foruppo startup. He developed project scopes and objectives, participated in project planning, and collaborated on goals related to the strategic impact of the project while being part of the creative team.

Throughout the internship, Kaustav showed solid organizational skills including attention to detail, research, and multitasking skills. He assisted the Project Manager (PM) with project requirements, scope, risk management, and quality assurance. He has great potential to grow into an excellent Project Manager and will do amazing work in the domain.

20th August 2024

Date of Issue

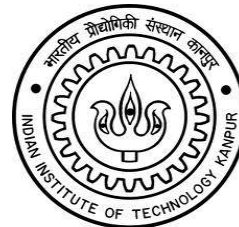


Anuradha Singh,
Talent Manager, Foruppo

FORUPPO



Students' Placement Office, IIT Kanpur



Project Verification Form

Title of the Project	Product Management Intern
Commencement Date	5 th May, 2024
Completion Date	14 th August, 2024
Project Supervisor	Aditi
Organization/Institution where the Project was accomplished	Foruppo
Project Description (You can use extra A4 sheets in case you run out of space however the extra sheets should also have the seal & signature of the Project Supervisor or the relevant authority)	
<p>Co-Led an 8-member team in development successful Product Hunt launch of 'UrrbanTailor,' from ideation through execution</p> <p>Co-creator, Wizoona: Part of the core team building India's first community-led holistic education startup, working on pre-launch activities</p> <p>Completed comprehensive skill development programs covering key product management concepts, including market research, agile methodologies, UI/UX design, and go-to-market strategies</p>	

By appending your signatures to this form you acknowledge and agree that:

- This form along with the certificate would serve as the official document between the project supervisor and the Students Placement Office, IIT Kanpur regarding the verification of the student's project work
- The student will provide additional information and documentation relevant to his/her project upon request by the Students' Placement Office
- The student has clearly defined his/her individual role in projects done in cooperation with other students, faculty, groups, or company personnel.
- Incorrectly overstating the reach, impact and/or quantitative/qualitative results of a project is unethical.
- In case of violation of any of the above rules, the Students' Placement Office, IIT Kanpur reserves the right to take necessary action including de-registering the student from the placement season and reporting the misconduct to the Institute Authorities.

Submitted by:-	Project Supervisor Details:-
Name: Kaustav Dasgupta	Name: Aditi Kumari
Roll No: 210501	Designation: Project Manager
Signature:	Signature:

DATE -21/08/2024

To Whom It May Concern

I am pleased to confirm that Kaustav Dasgupta completed his AI Algorithm internship at Medantrik from May 2024 to August 2024. During his tenure, Kaustav significantly contributed to our projects, particularly in developing advanced AI algorithms for the NODex device, a personalized device for monitoring and managing respiratory diseases. His work played a crucial role in enhancing the accuracy and effectiveness of the NODex device, allowing it to provide more tailored insights and recommendations for users.

Kaustav demonstrated exceptional initiative in engaging with various stakeholders, including medical professionals, to tailor the algorithms to specific needs. He consistently understood complex requirements and made improvements accordingly, showcasing his technical expertise and commitment to excellence.

Overall Grading System for Kaustav's Internship at Medantrik:

Work: Very Good

Communication: Very Good

Behavior: Very Good

Time Management: Very Good

We are grateful for his contributions and wish him the best in his future endeavors.

Sincerely,



Priyaranjan Tiwari

CEO

Medantrik Medtech Pvt Ltd



Project Verification Form

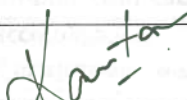

Title of the Project	Product Development Internship
Commencement Date	5 th May
Completion Date	31 st July
Project Supervisor	Priyaranjan Tiwari
Organization/Institution where the Project was accomplished	Medantrik

Project Description (You can use extra A4 sheets in case you run out of space however the extra sheets should also have the seal & signature of the Project Supervisor or the relevant authority)

- Develop algorithm for **portable lung health device**, cost-effective spirometry test and lung exercises(₹6K vs. ₹2K/hospital test)
- Engineered cost-effective **portable lung diagnosis device**, driving technical solutions with CTO for successful market launch
- Calibrated device to map RPM to breath flow rate using prototype at **National Wind Tunnel IITK**, informed **5+ research papers**
- Built a hospital prototype and interface, collecting **10+ datapoints** from **200+ patients**, boosting algorithm **accuracy by 12%**
- Integrated hospital data (**SQL Server**) with GLI metrics, applying **RandomForest** to predict ideal lung health parameters
- Spearheaded **end-to-end design** of health camps with **1K+ footfall** and **represented team** in **ASEAN-India ScaleHub 2024, Bali**
- Oversaw marketing and design for health camps with **1K+ footfall** and **represented team** for **ASEAN-India ScaleHub 2024, Bali**
- Co-invented patent-pending device; projected sales of **₹30cr revenue (50K units)** by Apr, launch expected in **Sept (Delhi-NCR)**
- Generated lung report (**19 parameters+4 graphs**) via proprietary algo, classifying lung health into **4 categories (96% accuracy)**
- Cost-effective lung diagnosis device priced at **₹6K**, enabling **unlimited tests** compared to **₹1.5K per spirometry test** in hospital

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Submitted by:-	Project Supervisor Details:-
Name: Kaustav Dasgupta	Name: Priyaranjan Tiwari
Roll No: 210501	Designation: Co-founder, Medantrik
Signature: 	Signature: 



25th August 2024

To,
Mr. Kaustav Dasgupta
Kanpur

Job Offer

We are pleased to inform you that based on your excellent performance during your internship with our company, we would like to offer you a full-time position as a **'Data Scientist'** in our **R&D team**.

During your internship, you have demonstrated a strong work ethic, exceptional technical skills, and an eagerness to learn and grow. Your contributions to our team have been invaluable, and we believe that you will continue to make significant contributions to our company in the future.

Below is the summary. Please find attached a detailed CTC structure.

Name: Kaustav Dasgupta

Designation: Data Scientist

Location: IIT Kanpur

Annual CTC: Rs. 12,00,000/-

Joining Bonus: A onetime retention bonus of Rs.1,00,000/- shall be paid on successful completion of 1 year.

Please review the attached document, which includes more detailed information about your employment terms and conditions. If you accept this offer, kindly sign and return a copy of this letter by 10 Dec 2024.

This offer is subject to successful background verification and medical fitness.

Kindly get in touch with the undersigned for clarifications or further details.

Yours faithfully,



Priksht

CTO

Medantrik Medtech Pvt. Ltd.

