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I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA
Centre for Training and Placement

Ref. No. IKGPTU/T&P/.....428.....

Dated..11/Nov/2025

Directors/HoDs (Department of CSE/EE/AI&ML)
All the University Campuses
I K Gujral Punjab Technical University, Jalandhar

Sub: MEAtec – Joint Campus Internship & Placement Drive.

Respected Sir/Madam

I K Gujral Punjab Technical University invite students of its campuses to participate in MEAtec – Joint Campus Internship & Placement Drive as per details mentioned below:-

Designation	:	Profile 1:- Frontend Developer Intern Profile 2:- Backend Developer Intern Profile 3:- Full Stack Developer Intern Profile 4:- Product Intern
Course/Stream	:	B.Tech (CSE/EE/AI&ML)
Salary Package	:	During 06 months internship:- 200 EUR per month After internship:- Post-internship, candidates may receive a full-time offer with a salary increment ranging between 85–100% (based on performance)
Job Location	:	Remote
Batch eligible	:	2026 passing out

Detailed Job descriptions are attached for your reference. Interested students may register at the link mentioned below:-

https://docs.google.com/forms/d/1V-rPra_zYjFknV7SzaUQXOx_BgMI-HkzTcrR3cq4Fg/edit

You are requested to kindly direct the Training & Placement Faculty Coordinator of your campus/ department to share the information with the concerned students. **Last date of online registration is 13-Nov-25 before 1300 hrs.**

Date & Time of the selection process will be informed later on.

For any queries you may please call the undersigned @ +91- 9478098136.

With profound regards,


Er. Mohit Jain
Assistant Registrar (T&P)

CC:

1. SVC: For kind information of the Hon'ble Vice Chancellor
2. Registrar: For kind information
3. Head (CT&P): For kind information
4. Deputy Director (T&P): For kind information
5. DR (ITS) - To upload at University website
6. File: **"Propelling Punjab to a prosperous Knowledge Society"**

Job Title: Frontend Developer - Battery Passport & Battery Analytics

Location: Remote

Company: MEATEC

Duration: 6 month

Salary: 200€

Type: Internship

About Us:

At **MEAtec**, we build advanced digital solutions for the battery industry, with a focus on **Battery Passport** and **Battery Analytics** platforms. We are a fast-growing team of engineers, designers, and innovators passionate about sustainability, traceability, and performance in the battery lifecycle. Join us to help shape the digital future of clean energy.

Position Overview:

We are looking for a skilled **Frontend Developer** to join our growing development team. You will play a key role in building intuitive, scalable, and high-performance web applications to support regulatory compliance, traceability, and analytics for battery systems. You'll work closely with backend engineers, designers, and product owners in an agile setup.

Key Responsibilities:

- Develop and enhance the Battery Passport and Battery Analytics web platforms.
- Build responsive, accessible, and performant UIs using React, Next.js, Tailwind CSS, Ant Design and TypeScript.
- Collaborate with designers to implement user-friendly interfaces.
- Participate in end-to-end feature delivery: planning, coding, testing, deployment.
- Work closely with backend developers integrating REST/GraphQL APIs.
- Participate in code reviews, debugging, and performance tuning.
- Support CI/CD processes and deployments (Docker, GitHub Actions, Nginx).
- Stay updated on frontend best practices, frameworks, and tooling.

Qualifications:

- Bachelor's degree in Computer Science, Software Engineering, or a related field.
- Strong understanding of React, Next.js, JavaScript/TypeScript, Tailwind CSS and Ant Design.
- Familiarity with state management libraries such as Context API, Redux, or Zustand, as well as testing and performance optimization techniques.
- Understanding of backend and database systems such as Node.js, PostgreSQL, MongoDB, Redis, or Elasticsearch is a plus.
- Understanding of Docker, Nginx, CI/CD pipelines.
- Good command of English (spoken and written) for global team collaboration.

- Comfortable working in a fast-paced, agile, and collaborative environment.

What We Offer:

- Hands-on experience in a collaborative and fast-paced environment.
- Opportunities to work on impactful projects that drive innovation.
- Competitive salary and benefits package.
- Flexible working hours and a supportive team culture.
- Professional development and mentorship opportunities.

Job Title: Backend Developer - Web Platform**Location:** Remote**Company:** MEATEC**Duration:** 6 months**Salary:** 200€**Type:** Internship**About Us:**

At MEATEC, we are committed to delivering innovative web solutions that enhance user experiences and drive engagement. Our dynamic team values creativity and collaboration, and we are looking for a talented Backend Developer to join us in advancing our web platform, particularly for the Battery Passport initiative.

Position Overview:

To contribute to the design, development, and implementation of backend services and APIs for web applications and software solutions. The Backend Developer will work across the technology stack primarily using Node.js for server-side development and AWS cloud services for infrastructure and deployment. The role involves building scalable, secure, and maintainable backend systems and collaborating closely with frontend developers, DevOps, and product teams throughout the product lifecycle from development to deployment and ongoing improvements.

Key Responsibilities:

- Contribute to the development of new features and enhancements for our web platform and back-end systems, ensuring high performance and responsiveness.
- Architect and implement robust back-end services, APIs, and server-side logic.
- Collaborate with cross-functional teams, including UX/UI designers and product managers, to deliver exceptional user experiences.
- Conduct code reviews across back-end codebases.
- Troubleshoot and debug complex issues to optimize application performance.
- Stay up-to-date with emerging technologies and industry trends to continuously improve our tech stack.
- Design, implement, and maintain CI/CD pipelines to automate deployment and testing processes.
- Manage and optimize AWS cloud infrastructure, ensuring scalability, security, and high availability.
- Mentor junior developers, providing guidance and support in their professional growth.

Development Skills:

- Strong proficiency in back-end development with microservice architecture using Node.js.
- Understanding of server-side technologies (Express.js, Nest.js, etc.)

- Experience with databases (DynamoDB, PostgreSQL, MongoDB) and infrastructure tools (RabbitMQ/Kafka, Redis, ElasticSearch, AWS Cognito).
- Proficiency with Docker for containerization and Kubernetes for orchestration.
- Experience in writing unit and integration tests using Jest (or similar testing frameworks) is required.
- Familiarity with CI/CD pipeline and AWS cloud services (S3, Cognito, API Gateway, ElasticSearch etc.)
- Excellent problem-solving and debugging abilities.
- Strong attention to detail - Effective communication and collaboration skills.
- Experience in front-end development with React (Redux, React Router, etc.) is a plus.

Qualifications:

- Bachelor's degree in Computer Science, Software Engineering, or a related field.
- Studying in a Tier 1 or Tier 2 engineering college/university is preferred.
- Strong communication skills in English, both written and verbal, to effectively collaborate with team members and stakeholders.
- Ability to work collaboratively in a team environment.

What We Offer:

- Hands-on experience in a collaborative and fast-paced environment.
- Opportunities to work on impactful projects that drive innovation.
- Competitive salary and benefits package.
- Flexible working hours and a supportive team culture.
- Professional development and mentorship opportunities.

Job Title: Full Stack Intern - Web Platform

Location: Remote / India

Company: MEATEC

Duration: 3/6 months

Type: Full-time

Stipend: 200EUR/month

About Us:

At **MEAttec**, we build advanced digital solutions for the battery industry, with a focus on **Battery Passport** and **Battery Analytics** platforms. We are a fast-growing team of engineers, designers, and innovators passionate about sustainability, traceability, and performance in the battery lifecycle. Join us to help shape the digital future of clean energy.

Position Overview:

We are looking for a skilled **Full Stack Developer Intern** to join our growing development team. You will play a key role in building intuitive, scalable, and high-performance web applications to support regulatory compliance, traceability, and analytics for battery systems. You'll work closely with backend engineers, designers, and product owners in an agile setup.

Key Responsibilities:

- Collaborate with the development team to design and implement new features for our web platform.
- Assist in maintaining and improving existing applications.
- Write clean, maintainable, and efficient code using modern web technologies.
- Participate in code reviews and contribute to team discussions.
- Help troubleshoot and debug issues to ensure optimal performance.

Qualifications:

- Degree in Computer Science, Software Engineering, or a related field
- Practical experience with back-end technologies (Node.js)
- Practical experience with front-end technologies (React, Next.js)
- Understanding of database systems (PostgreSQL, MongoDB, Redis, Elasticsearch)
- Know-how with containerization and orchestration tools (Docker, Nginx, IIS, Github)
- Familiar with CI/CD processes
- Excellent problem-solving skills and attention to detail.
- Strong communication skills in English, both written and verbal, to effectively collaborate with team members and stakeholders.
- Ability to work collaboratively in a team environment.

What We Offer:

- Hands-on experience in a collaborative and fast-paced environment.
- Mentorship from experienced developers and exposure to industry best practices.
- Opportunities to work on real projects that make a difference.
- Flexible working hours and a supportive team culture.

Join us at MEATEC and take the next step in your web development career!

How many years of work experience do you have with React.js?

How many years of work experience do you have with Node.js?

How many years of Software Development experience do you currently have?

Are you familiar with database systems such as PostgreSQL, MongoDB, Redis, and ElasticSearch?

Job Title: Product Designer Intern - Battery Passport & Battery Analytics

Location: Remote / India

Company: MEATEC - Battery Intelligence

Duration: 6 months

About Us:

At MEATEC, we are revolutionizing the battery industry with our Battery Passport and Battery Analytics solutions. Our mission is to drive transparency, sustainability, and efficiency in battery lifecycle management. We are looking for a Product Designer who can translate complex battery data and workflows into intuitive and engaging user experiences.

Position Overview:

As a **Product Designer** at MEATEC, you will play a crucial role in shaping the user experience and interface of our Battery Passport and Battery Analytics solutions. You will collaborate closely with product managers, developers, and stakeholders to create innovative, user-centered designs that enhance usability and functionality.

Key Responsibilities:

- Conduct research and analysis to understand user needs, workflows, and pain points, particularly in the battery industry.
- UX/UI Design wireframes, prototypes, and high-fidelity UI mockups that align with industry best practices and MEATEC's design principles.
- Organize complex battery-related data with a clear information architecture to make it visually accessible for different user types (e.g., OEMs, End Customers).
- Maintain and evolve a cohesive design system to ensure consistency across all MEATEC platforms.
- Foster collaboration by working closely with cross-functional teams, including product managers, developers, and business analysts, to bring designs to life.
- Conduct user testing and iterate designs based on user feedback and performance metrics.
- Stay up-to-date with industry trends in battery technology, sustainability, and UI/UX to enhance the product experience.

Qualifications:

- Currently pursuing or recently completed a Bachelor's degree in Design, Human-Computer Interaction, Computer Science, or a related field.
- Demonstrated interest or academic experience in interaction design, product design, or user research.
- Familiarity with design tools such as Figma, Adobe XD, Sketch, or similar for UI/UX design tasks.

- Exposure to prototyping and usability testing using tools like InVision, Framer, or similar platforms.
- Basic understanding of front-end technologies such as HTML, CSS, or React components is a plus.
- Interest or coursework in data visualization and dashboard design is preferred.
- Strong problem-solving skills, attention to detail, and the ability to communicate design ideas clearly.
- Enthusiastic about learning and contributing to real-world product development, especially in domains like battery technology, sustainability, or data-driven applications.

What We Offer:

- An exciting opportunity to contribute to an innovative project with significant environmental impact.
- A collaborative and dynamic work environment that values creativity and teamwork.
- Competitive stipend.
- Remote work.
- Professional development and growth opportunities.

How to Apply:

If you are passionate about making a difference in the battery sector and have the analytical skills to support our Battery Passport application platform, we want to hear from you!

Join us at MEATEC and be a part of shaping the future of battery sustainability!