**Job Description: Product Designer for REDX WeSchool Lab, Mumbai**

Qualification: Bachelors and/or Master's degree in Product design/ Industrial Design

Exp: 0 to 3 years

**Skills:**

● Demonstrated experience translating qualitative, quantitative and secondary research into actionable insights and strategize opportunities for product development.
● Expertise in managing the whole product development cycle: from design research to design planning, from Opportunity to Concept, from concept to product development and refinement, from Product design to manufacturing sensibilities.

● Solid understanding of core concepts including mechanics, materials, design process, design thinking etc.

● Design mechanisms,  systems and components that meet project needs and requirements. Evaluate final product's overall performance, reliability and safety.

● Test and evaluate theoretical designs. Produce outline designs.

● Possesses an innate curiosity for strongly understanding people, culture and behaviour.

● Ability to work together with an interdisciplinary team in a synergistic manner.

● Partner well with others from different disciplines to integrate input from various sources and solve problems

● Experience facilitating stakeholder relationships through workshops and collaborative work sessions.

● Proficiency in sketching, 2D and 3D CAD modelling like Solidworks, Catia, Fusion 360, Autodesk Sketchbook, Sketchup, Adobe creative cloud and Microsoft Office Suite.

● Proficiency in communicating design concepts through quick sketches and hands-on prototyping methods, model/ quick mock-ups.

**Preferred (but not mandatory): Skills in Rapid prototyping, basic electronics**

**Day-to-Day:** While this list is by no means exhaustive, it is meant to give you an idea of what you can expect to do daily.

● Lead and manage 'Research and Development' projects.

● Plan and conduct qualitative research, analyze field data, and clearly communicate insights and innovation opportunities to the team and collaborators.

● Perform comprehensive analyses of the competitive landscape, stakeholder ecosystem, market

forces, and trends shaping the industry.

● Simplify complex information from multiple sources into clear and impactful insights, frameworks, and narratives.

● Lead the definition of a new product and/or service, offering opportunities of innovation that delivers new value in terms of novel research concepts, translating proven research into real-world product/ service, scaling adoption of best practices with product interventions, developing products with potential of having IP, etc.

● Sketch an idea, prototype it, validate it and refine the experience.

● Provide thought leadership (i.e. writing, speaking, publishing, patenting, etc.) and constantly contribute to REDX WeSchool's growing IP.

### REDX WeSchool Lab, Mumbai

REDX WeSchool is a vibrant ecosystem based on rolling out new and innovative commercial and citizen-based technologies to create a framework to support wide-ranging needs of urban populations and corporations. As a REDX innovator/fellow you will be responsible for research, design, development and test of ideas that will impact billions. At REDX you will have access to great mentorship, latest design tools and a supportive environment of like-minded people with diverse skill sets. You will receive active mentorship from world-class experts and support with state-of-the-art infrastructure (hardware, software and design) like Computing machines, GPU clusters, 3D printers, Laser Cutters and several rapid prototyping tools. Bring passion and dedication to your job and there's no telling what you could accomplish. Imagine what you could do at REDX!

**Website**: https://redxweschool.com/