

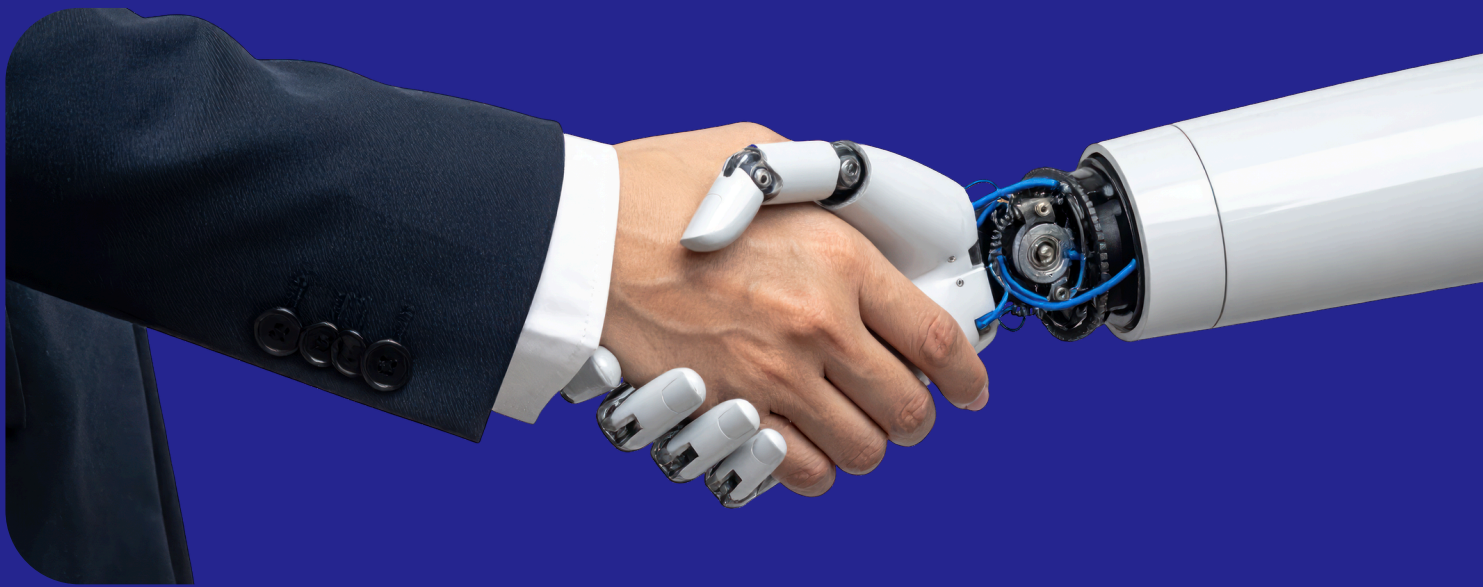


PROTOTYPE GURU
POWERED BY AI

● Hardware Engineering
Solution

FROM IDEA TO MARKET READY HARDWARE PRODUCTS

Design • Prototype • Manufacture • Launch



See How We Turn Ideas into
Market-Ready Products



+44-7400703617



info@prototypeguru.com



Royal City, Islamabad Pakistan

Company Overview

We are a product development and engineering company focused on rapid prototyping, turning ideas into market-ready products from design to launch.



DESIGN TO PROTOTYPE

We turn ideas into market-ready products through expert design, prototyping, and testing—ensuring quality, reliability, and global compliance.

- Smart Product Design
- Rapid Prototyping
- PCB & Embedded Systems
- Testing & Compliance



DEVELOPMENT & INTEGRATION

We build connected, scalable, and high-performance products—from IoT and embedded systems to mobile apps and cloud integration—ensuring seamless functionality and market-ready quality.

- IoT & Embedded Systems
- Mobile App Development
- Cloud Integration
- Scalable Solutions



PRODUCTION & LAUNCH SUPPORT

We handle manufacturing, compliance, and product launch with strict quality control—ensuring certified, market-ready products for successful global entry.

- Manufacturing Management
- Quality Assurance
- Compliance & Certification
- Product Launch Support

Mission & Vision

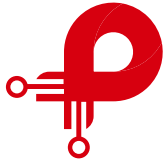
We provide advanced product development and rapid prototyping services, converting innovative ideas into fully realized, market-ready products.

OUR COMMITMENT

Deliver exceptional prototyping and engineering services, ensuring every idea is transformed into reliable, functional, and high-quality products that succeed in real-world applications.

OUR APPROACH

- Leverage expert design, rapid prototyping, and end-to-end engineering solutions to turn concepts into fully realized, market-ready products with precision and efficiency.
- Combine creativity, technical expertise, and hands-on prototyping to develop innovative products that meet global standards and exceed client expectations.
- Focus on collaborative design, iterative prototyping, and quality-driven engineering to transform ideas into impactful, functional, and compliant products.



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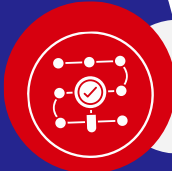
● Hardware Engineering Solution

Why Choose Us

We help startups and businesses turn ideas into production-ready hardware faster and more reliably.



Rapid Prototyping



Confidentiality



Collaborative Workflow



Innovation Support



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Services

Driven by innovation and rapid prototyping, we transform concepts into high-quality, functional solutions that fast-track product development and market success.



DESIGN



PROTOTYPING



EMBEDDED & SOFTWARE
DEVELOPMENT



MANUFACTURING &
PRODUCTION



PRODUCT LAUNCH
SUPPORT

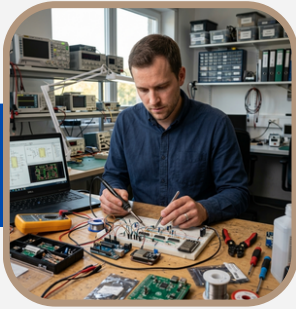


QUALITY, COMPLIANCE &
CERTIFICATION

Details Services

Complete engineering and product development solutions, covering design, rapid prototyping, manufacturing, embedded systems, IoT and software integration, compliance, and smooth product launches.

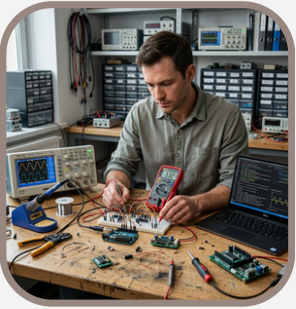
01



1. Design & Development

We deliver complete design solutions including mechanical, electronic hardware, PCB, and embedded systems—ensuring innovative and production-ready products.

02



2. Prototyping & Testing

From rapid prototyping to functional testing and validation, we refine your product for performance, reliability, and real-world success.

03



3. Manufacturing & Launch

We manage production, sourcing, compliance, and branding—helping you scale efficiently and launch your product with confidence.



Process

We optimize processes and source trusted manufacturers for quality production. Scalable solutions guarantee smooth transition from prototype to mass production.

01

1. Concept & Design

Define product vision and create innovative engineering solutions.

02

2. Prototyping & Testing

Build functional prototypes, test, and validate performance thoroughly.

03

3. Manufacturing & Production

Optimize processes, source manufacturers, and ensure quality production.

04

4. Launch & Support

Assist with product launch, branding, and post-launch support.



Process Timeline

Turn ideas into reality with our innovation-driven approach. We specialize in transforming concepts into high-quality, functional solutions that accelerate product development and success.



Ideation Sketching

Analyze market, feasibility, and technical requirements for informed decisions.



Engineering

Build prototypes and conduct thorough testing for performance and reliability.



Tooling

Finalize branding, documentation, and provide post-launch customer support.



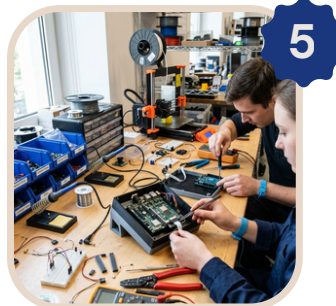
Design Research

Define the vision, goals, and core product concept clearly.



Product Designing

Create mechanical, electronic, and system designs optimized for production.

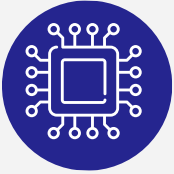


Prototyping

Optimize processes, source manufacturers, and prepare for scalable production.

Industries We Serve

From concept to completion, we uphold the highest quality standards backed by globally accepted certifications. Our commitment ensures your products are safe, compliant, and ready for international markets.



CONSUMER ELECTRONICS

Improve your production processes with our help.



WEARABLE & SMART DEVICES

Ensure top-notch products with our quality control services.



AIOT & CONNECTED DEVICES

Stay ahead with our engineering support.



INDUSTRIAL AUTOMATION

Improve your production processes with our help.



MEDICAL DEVICES

Ensure top-notch products with our quality control services.



ENERGY & EV SYSTEMS

Stay ahead with our engineering support.



Technologies We Use

From concept to completion, we uphold the highest quality standards backed by globally accepted certifications. Our commitment ensures your products are safe, compliant, and ready for international markets.



1. Mechanical & CAD Design



2. PCB Design & Layout



3. Embedded Firmware Development



4. IoT & Connectivity Solutions



5. 3D Printing & Prototyping

Portfolio

Explore our portfolio to see how we turn ideas into functional, compliant, and market-ready products with expert design and engineering.



**HEAVY VEHICLE SAFETY &
ACCESS CONTROL SYSTEM**



**ROBOTIC ARM
AUTOMATION SOLUTION**



**SIGNATURE
COFFEE MUG**



**SMART JOYSTICK GAME
CONTROLLER**

Quality & Certification

From concept to completion, we uphold the highest quality standards backed by globally accepted certifications. Our commitment ensures your products are safe, compliant, and ready for international markets.

Certification Standards

Ensuring Product Compliance

- Quality Assurance
- Safety Approval

From concept to completion, we ensure certification compliance aligned with globally recognized quality and safety standards.

Regulatory Compliance

Meeting Global Standards

- Legal Approval
- Risk Control



Team

Our team combines expertise in design, prototyping, and manufacturing to deliver safe, high-quality, and market-ready products from concept to completion.



Engr. Hafeez

Hardware Design
Engineer



Engr. Rizwan

Mechanical Cad Design
Engineer



Zayan Haider

Embedded Design
Engineer



Ali Raza

Cross Platform App
Development

Trusted by 50+ Founders & Innovators

"From concept to completion, their professional approach in prototyping and product development ensured high-quality results. We were impressed by their focus on safety, compliance, and market readiness."

" From initial concept to the final prototype, Hafeez managed every stage with professionalism and technical expertise. His clear and clean communication, reliability, and dedication consistently ensured high quality results. The final product exceeded all expectations and was delivered efficiently. "



John Smith
Fitness Trainer



"Mr Hafeez and his amazing, highly skilled team are truly exceptional. They transformed a complex idea into reality with precision and professionalism. Their clear communication, deep understanding, expertise were evident throughout the entire project. Highly recommended outstanding results."



Avery Martinez
R&D Specialist



" Hafeez delivered truly outstanding work from the initial idea to the final prototype. His systematic approach, attention to detail, and excellent communication made the entire project seamless. The Prototype Guru team consistently demonstrated strong expertise and reliability throughout development. "



Ethan Collins
Lab Engineer



" Working with Hafeez has been a great experience. We had multiple meetings where he transformed my limited knowledge and initial design into a functional prototype. It was a pleasure collaborating with him, and I will definitely continue my product development journey with his team and return again for future projects. "



Chloe Mitchell
Emerging
Tech Advisor



FAQs

Have questions? Learn how our team supports every stage of product development, from design and prototyping to manufacturing and launch.

Q How much does it cost to develop a prototype?

A The cost depends on the complexity of the product, required features, electronics design, firmware development, mechanical design, and the number of prototypes needed. Since every project is different, we provide an accurate quote once we receive the exact requirements and review the project scope.

Q How can I get an accurate quote?

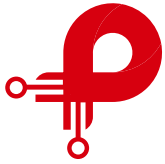
A You can share a brief description of your idea, required features, sketches, or reference products. Our engineering team will review the requirements and schedule a short consultation to define the development scope and provide a detailed quote.

Q Do I need a full design before contacting you?

A No. Many clients approach us with just an idea or concept. We help convert that idea into technical specifications, design architecture, and a working prototype.

Q How long does prototype development take?

A Typical prototype development takes 4–12 weeks, depending on system complexity, custom hardware requirements, and testing needs.



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Contact

Connect with our team for personalized support on engineering, prototyping, and product launch solutions—ensuring quality, compliance, and market readiness.



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