

iTechGeeks.

HARDWARE. FIRMWARE. SOFTWARE.

Engineering your connected product.

CAPABILITIES OVERVIEW

One team across the device and the software around it.

India-based engineering for custom electronics, embedded systems, connected devices and software. We welcome projects from India, the USA, Germany, Europe and other international markets.

Hardware & PCB design

Schematics, board layout, component selection and prototype support.

PCB reverse engineering

Schematic and BOM recovery from existing electronic assemblies.

Embedded firmware

Device logic, drivers, communication and hardware integration.

IoT, cloud & software

Connected systems, APIs, web applications and operational dashboards.

20+ team members | 7+ engineers | 10+ graduates

Team background figures are supplied by iTechGeeks; categories may overlap.

Work with a practical purpose.

Fleetx

Vibration sensor and GPS tracking development. The team reports work on an AIS-140-approved GPS product; approval is product-specific.

100+ PCBs reverse engineered

Schematic and bill-of-materials recovery for different companies.

Glowia & Tago Electronics

Product and embedded firmware development.

Agra Smart City

Development work on a smart dustbin volume sensor.

Confidential development

We also work on NDA-covered products for government and private-sector organisations, and on IoT and smart-agriculture applications. Confidential names and technical details are not disclosed.

A clear path to delivery

DISCOVER / DEFINE / BUILD / VALIDATE & HAND OVER

Agree the requirements, assumptions, milestones and acceptance criteria. Define source files, documentation, testing responsibilities and handover in the project scope. Production work, third-party costs and external certification are agreed separately.

Start with a non-confidential project brief.

Describe what you want to build, the current stage, required interfaces and preferred timeline. We will use that information to discuss the technical fit and next steps.