



# Declan Coyle

Tooling Manufacturing Design Engineering

Manufacturing, tooling, technology & product realisation professional.  
Thirty years design, tooling, vendor improvement and manufacturing.  
High level team building & team leadership experience.

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## CONTACT

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## SKILLS

Tooling  
Plastics  
Manufacturing  
Team leadership  
Part design  
Team building  
Vendor manage  
X-Functional leader  
Training  
Problem solving

## WORK EXPERIENCE

### **Jan 2023 - Now** Furro - Owner & Director

- Design, prototyping, tooling, technology and vendor selection
- Directing startups with first production and vendor selection
- Coordinating, manufacturing technologies, tooling and design
- Re-imagining engineering communication tools
- Helping startups address manufacturing and part costs

### **2017- Nov 2022** Google, California - Tooling Lead

- Lead tooling activities across all Google business units
- Lead, build and mentor an expert team in the USA and Asia
- Developed team leaders in USA and China
- Guide PD and ID teams on design and manufacturing solutions
- Continuous development of individuals & team
- Vendor audit, selection & improvement
- Cross functional engagement with diverse Operational disciplines
- Developed new technologies & manufacturing techniques
- Improved processes, yields & costs

### **2016-2017** Google, California - Tooling & MPE Manager

- Lead Manufacturing support for Google Hardware Division
- Managed resources and projects across Google and Nest
- Lead two engineering disciplines.. Tooling & Manufacturing
- Advised manufacturing and vendor options to senior leadership

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## EXPERTISE

Leadership  
Injection molding  
Team building  
DFM  
Communication  
Cost management

## ROLE SEARCH

New technology  
Engineer leader  
Team builder  
Tooling strategy

## EDUCATION

1996 - Sligo IT  
National Diploma  
Tool Design

1994 - Sligo IT  
National Certificate  
Mechanical Eng

## WORK EXPERIENCE

### **2014–2016** Nest Labs - Manufacture & Tooling Manager

- Built and led a team of Manufacturing and Tooling Engineers
- Team based in the USA and China
- Directed product design decisions through ID and PD interaction
- Managed critical projects as DRI (direct responsible individual)

### **2013–2014** Nest Labs - Tooling Engineer

- Developed tooling systems and tools from the ground up
- Vendor selection and management
- Improved all aspects of Nest tooling
- Product design, DFM management, vendor interaction

### **2011–2013** Apple, California - Tooling Engineer

- Lead Apple suppliers to design and make world-class tooling
- Drove tool design, build, process and qualification
- Deep practical knowledge of DFM, DFA and SPC tools
- Managed tooling for iPhone, iPad, accessories and iMac
- Robust tooling solutions achieving astronomical volumes
- Lead engineer on Lightning Connector. Volume 10 -20 Billion
- Apple Technical Leadership Award in December 2012
- Subject matter expert on MIM (metal injection molding)

### **2010–2011** LiHi Tooling & Design - Company Director

### **2003–2009** Glen Dimplex - Senior Tooling Engineer

### **2002-2003** Logitech, Ireland - PD Engineer Contractor

### **1999–2002** Oasis Europe, Ireland - PD & Tooling Engineer