

Derrick FitzGerald

Senior Engineering Technician - Dublin, Ireland

W: <http://www.worky.com/derrick-fitzgerald>

I have extensive experience both on civil and structural projects. The majority of my work experience being on roads, highways, railways and extensively on bridges including 3D. I also have experience on Building Structures, marine/ports, pipelines, services and Geotechnical as well as on the purchase and supply of materials, the customization and maintenance of the CAD system and as a mentor of junior technicians.

Derrick FitzGerald's Education and Qualifications

2012 **currently studying - Sustainable & Energy Efficient Roof Design & Construction**
Dublin Institute of Technology

2010 **Certificate - 3D AutoCAD (Level 3)**
City & Guilds

2010 **Certificate - Manual Handling**
Fas Fetac Level 4

2006 **Certificate - Autocad**
Autodesk, Paradigm Technology

2002 **Certificate - Materials Management**
SAP

1997 **Certificate - NCert. Civil Engineering**
NCEA

1997 **Certificate - Eng. Tech. Civil Engineering**
Dublin Institute of Technology

1992 **Certificate - Autocad**
Institute of Engineers Ireland (IEI) Clyde Road

1992 **Certificate - Advanced Autocad**
Institute of Engineers Ireland (IEI) Clyde Road

1991 **Certificate - Draughtsmanship**
City & Guilds / F.A.S.

1990 **second level/high school education -**
Plunket College CDVEC

Derrick FitzGerald's Professional Experience

2008 - Present **Free Lance - Senior Engineering Technician**
Hired to work on various projects.

Key Skills AutoCAD, GA's, Layouts, Planning , RC Detailing, services, Steel Detailing, Structures, surveying

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- 2008 - 2008 **Mark O'Reilly & Associates - Senior Engineering Technician**
Worked on numerous projects including residential, commercial and industrial covering Layouts, GA's, RC detailing, Steel detailing and Services.
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- Key Skills AutoCAD, GA's, Graphics, Layouts, RC Detailing, services, Steel Detailing, Structures
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- 2007 - 2007 **AECOM - Senior Engineering Technician**
Employed in the Transport Section working on various roads, highways and rail projects. Work included road and track schemes, alignments, junction design, markings and signage as well as traffic calming and services. Also produced graphics for documents and presentations.
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- Key Skills Alignments, AutoCAD, Graphics, rail, Roads/Highways, services, traffic, Transport
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- 2005 - 2007 **ARUP - Senior Engineering Technician**
Worked in the Civil/Environmental/Transport section working on bridge design and construction as well as on roads, highways, and rail systems. Work included GA's, RC and Steel detailing, Geotechnics, road and track alignments, 3D and graphics. Also worked on some marine/coastal projects and mentored junior technicians.
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- Key Skills 3D Cad, Alignments, AutoCAD, bridges, Civils, GA's, Geotechnical, Graphics, Planning , rail, Roads/Highways, services, Structures, traffic, Transport
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- 1997 - 2004 **Iarnród Éireann (Irish Rail) - Technical Executive**
Started as an Engineering Technician and was promoted to Technical Executive position in 1999. Worked in the structural design section working on bridge design, construction and maintenance as well as station buildings. Covered everything from GA's to RC and Steel detailing, to track and road alignments, 3D, graphics and surveying. Mentored junior technicians and was in charge of the supply and purchase of equipment. Also managed the National Bridge Database and worked on projects for associated companies Dublin Bus and Bus Éireann.
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- Key Skills 3D Cad, Alignments, AutoCAD, bridges, Civils, construction, GA's, Geotechnical, Graphics, marine, Material Management, Microstation, rail, RC Detailing, Roads/Highways, services, Steel Detailing, Structures, surveying, traffic, Transport, Tunnels
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- 1997 - 1997 **Burke Jenkins & Associates - Engineering Technician**
Worked on a wide variety of projects including residential, commercial and industrial covering Layouts, GA's, RC detailing, Steel detailing, Services and graphics.
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- Key Skills AutoCAD, GA's, Graphics, RC Detailing, Roads, services, Steel Detailing, Structures, surveying
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- 1990 - 1997 **ARUP - Draughtsman**
Started as an apprentice and progressed on as a draughtsman in the Civil section mainly worked on bridges, roads, tunnels and drainage with some work on pipelines, marine and coastal projects. Also have experience for the structural section on building projects as well as for the mechanical/electrical sections. Worked included 3D and graphics for presentations and brochures etc.
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- Key Skills 3D Cad, Alignments, AutoCAD, bridges, Civils, Draughtsman, Electrical, GA's, Geotechnical, Graphics, marine, Mechanical, Pipelines, rail, RC Detailing, Roads/Highways, services, Steel Detailing, Structures, surveying, Transport, Tunnels
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Derrick FitzGerald's Additional Information

Links

ARUP - <http://dublin@arup.com>

Burke Jenkins & Associates - [http://info\(y@burkejenkins.ie](http://info(y@burkejenkins.ie)

Iarnród Éireann (Irish Rail) - <http://www.irishrail.ie/>

AECOM - <http://enquiries.europe@aecom.com>

Mark O'Rielly & Associates - <http://www.markoreilly.ie>

Dublin Institute of Technology - <http://una.cribbin@dit.ie>

Engineers Ireland - <http://info@engineersireland.ie>

City and Guilds. - <http://www.cityandguilds.com/int-home.html>

FÁS - <http://www.fas.ie/en/>

Plunket College CDVEC - <http://www.plunket.cdvec.ie/>

Bohemian FC. - <http://www.bohemians.ie/>

Football Association of Ireland - <http://www.fai.ie/>

Derrick FitzGerald on the Web - <https://docs.google.com/document/pub?id=14M7vwPJ5QmeSN4H3d8xZHIR8z4PNxR4vZRB9zLSV2RY>

Interests

Qualified Football Association of Ireland Coach, 17 years as a club coach with Bohemian FC. Dalymount Park, Dublin.

Dogs, Snooker, Pool, Cycling, watching sports, Computer games,

Awards

Permanent Way Certificate (Rail safe pass)

Continuing Professional Development:

Micro-Station, Paint Shop Pro, DOER. Total Station, 3D Studio, CADS RC.
