

# Éibhear Ó hAnluain, B. SC., Grad. Dip.

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<http://www.gibiris.org/>

- TOGAF 9.1 certified.
- Extensive experience as solutions architect, designer and developer, keenly focused on delivery quality and stability
- Specialising in architecture of software engineering infrastructures, both technical and process-related
- Revels in designing and developing innovative systems and mechanisms to solve difficult problems
- Communicates technical and non-technical concepts clearly, placing a high value on supporting others' decisions
- A leader and manager of teams of enthusiastic developers and software engineers for 17 of the last 21 years
- Presided over a 350% increase in developer capacity, while still delivering high quality solutions
- Enjoys helping others to understand new technologies or innovative ways to make use of existing systems

## **Employment history at a glance**

I can provide more details on projects with specific experiences.

<b>2016-Dev -&gt; present</b>	1 year	<b>Version 1</b> , Consultant solutions architect (Revenue Commissioners)
<b>2015-Mar -&gt; 2016-Sep</b>	1.5 years	<b>AIG</b> , Consultant solutions architect
<b>2010-Oct -&gt; 2014-Sep</b>	4 years	<b>Rabobank</b> , Applications architect, development team manager
<b>2005-Aug -&gt; 2010-Oct</b>	5 years	<b>Rabobank, ACC LM</b> , Applications architect, lead developer
<b>2005-Jan -&gt; 2005-Aug</b>	6 months	<b>O2/Clients Solutions</b> , contract developer
<b>2003-Aug -&gt; 2005-Jan</b>	1.5 years	<b>ACC LM</b> , contract developer
<b>2002-Jul -&gt; 2003-Aug</b>		Travelling, short-term contracts
<b>2001-Sep -&gt; 2002-Jul</b>	10 months	<b>CampusIT</b> , development team lead
<b>2000-Jan -&gt; 2001-Sep</b>	20 months	<b>first-e Bancorp</b> , development team lead
<b>1994-Jun -&gt; 2000-Jan</b>	5.5 years	<b>Oracle Corporation</b> , software engineer, team lead

## **Skills overview**

### **Architecture and software system design and development**

<b>Relevant training</b>	TOGAF 9.1, Levels 1 and 2; Oracle 10g J2EE development; DWH Fundamentals; UML; Oracle DBA; Java; ClearCase; Oracle Forms; Advanced C
<b>Version 1</b>	<ul style="list-style-type: none"><li>- Reviewed and proposed changes to multiple capabilities: On-call; project transition; SDLC</li><li>- Developed and supported the implementation of a new Project Architecture Document process</li><li>- Developed and implemented revision-control process using git and gitlab</li></ul>
<b>AIG</b>	<ul style="list-style-type: none"><li>- Introduced an enterprise-capable revision control system, and related policies and practices</li><li>- Standardised change-promotion practices across projects</li><li>- Currently analysing requirements for a move to DevOps, and planning the transition</li></ul>
<b>Rabobank, ACC LM</b>	<ul style="list-style-type: none"><li>- Prepared and reviewed Data and Application Architectures for 17 projects</li><li>- Developed architectural processes for Rabobank In Ireland</li><li>- Architected, designed and led the development of 25 systems and applications</li><li>- Was regularly commended within the global enterprise for the quality and stability of systems</li><li>- Ensured technologies used by applications and systems remained within support</li><li>- Asserted compliance of architectures and designs to users' requirements</li></ul>
<b>CampusIT</b>	A radical redesign of the core product's security module
<b>first-e Bancorp</b>	<ul style="list-style-type: none"><li>- Designed a web application to capture potential customers' banking product preferences</li><li>- Designed application to track strategic alliances entered into by the bank</li></ul>

### **Innovation and initiative**

<b>Version 1</b>	<ul style="list-style-type: none"><li>- Branch Manager: A system to facilitate compliance to branching policy over ~3,000 gitlab projects</li><li>- <a href="#">Privacy by Design and Privacy by Default</a>: To find changes to SDLC to support the 7 principles</li></ul>
<b>Rabobank, ACC LM</b>	<ul style="list-style-type: none"><li>- BASTA: an access control service for all user-facing applications</li><li>- EIS: A complete re-architecture of an existing system to improve quality of change delivery</li><li>- RFC Announcr: An internal system to reduce error in the change-management processes</li></ul>

- ProcessControls: Controls to improve quality of output from revision control system
- RaboDFA: applied dual-factor authentication to a vendor-supplied banking system

**CampusIT** Introduced concepts of managing session security in web applications

**first-e Bancorp** Identified and specified requirements for an independent development lab.

- Personal**
- [Social Gibiris](#): an instance of [GNU Social](#), connected to the "fediverse"
  - [@theauldsthretch](#): a bot that tweets the length of the grand auld stretch at sunset time every day
  - A Linux kernel invention idea: POF – process-output file
  - ENODE – ENODE is Not an Oracle Development Environment, a mode for GNU/Emacs

## Communication

**Version 1** - *Who owns the computer?* – A lightning talk on how developer assumptions can affect users

**AIG** Prepared and presented multiple proposals for process reform and implementation

- Rabobank, ACC LM**
- Prepared many project architectures
  - Delivered and presented high-level software designs to users and technical colleagues
  - Devised protocols for software change deliveries and agreed them with vendor suppliers
  - Authored many technical white papers both for business users and IT staff
  - Promoted company goals and objectives to team members
  - Prepared and delivered training for staff on multiple systems in a variety of delivery models

- O2/Clients Solutions**
- Developed UNIX shell scripting guidelines
  - Documented ETL processes for future reference by team members

- first-e Bancorp**
- Authored papers on revision control (for technical staff) and SSL (for business users)
  - Prepared technical due-diligence report as part of a software company acquisition

## Team Management

**Relevant training** [Professional Scrum Master, level 1](#); Team management and leadership; Introduction to PRINCE2; Targeted Selection (i.e. interviewing candidates)

- Version 1**
- Direct-line manager for 5 Version 1 staff assigned to Revenue
  - Managed the team developing Branch Manager
  - Managed the team migration ~2,600 CVS projects to git and gitlab

- AIG**
- Managed multiple vendor teams through to production deployment over 7 change delivery projects
  - Currently analysing and preparing the groundwork to move to DevOps in AIG

- Rabobank, ACC LM**
- A leader or manager of teams from 2005-2014
  - Built a software engineering team from scratch in ACC LM; devising processes and standards, specifying roles, interviewing and hiring top-quality candidates
  - Led staff through the six-monthly objective setting and performance appraisal cycles
  - Managed capacity, estimated and committed to schedules, provided technical guidance to developers and other project staff
  - Devised quality standards for design and development, and oversaw the adherence to them; specified environments for software development.
  - Implemented the introduction of LEAN and Agile development into Rabobank and ACC LM

## Training and coaching

- Version 1**
- Revenue: Multiple training sessions on using git and gitlab, and the policies in effect
  - Version 1: java bootcamp module: [Dude! Where's my eclipse?!](#)

**AIG** Trained and coached development teams on new development processes and tools.

**Solution 6 Learning (now TP3)** Provided Red Hat Linux training for the Red Hat Certified Engineer exam

- Others**
- Multiple training courses developed, prepared and delivered for team members
  - Conference speaking: OSS Barcamp, Dublin, March 2009 and September 2010
  - Regularly speak at the local schools on science, technology and history topics

## **Technology experience**

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<b>Operating systems</b>	GNU/Linux (17 yrs); Other UNIX-based OSs (20 yrs); MS Windows; cygwin
<b>Software Development</b>	UNIX shell (22 yrs); Java (18 yrs); Oracle Forms, SQL, PL/SQL (22 yrs); subversion (11 yrs); git/gitlab (1yr); Python; jenkins; maven; chef; HTML/CSS; C; PHP; lisp; UML
<b>Development technologies</b>	- Oracle Database: 11g (3 yrs), 10g (3 yrs), 9i (7 yrs), 8i, 8.0.x, 7.x, 6.0.x - Application Server: httpd (18 yrs); Oracle WebLogic 11g (3 yrs); Oracle AS 10g/9i; apache tomcat - Others: MS SQL Server; MS IIS; MySQL
<b>Other tech</b>	Accenture DuckCreek (1.5 yrs); Oracle Flexcube (11 yrs); PGP/GPG (16 yrs); ssh (16 yrs); autosys (9 yrs)

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## **Qualifications**

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TOGAF 9.1, Dec 2014	ITIL V3 Foundation, Feb 2009	RHCE, Oct 2008	Grad. Dip. Business Computing, Athlone RTC, 1994	B.Sc. Polymer Technology, Athlone RTC, 1993
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