

## FIACRE LENEHAN

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### Personal details

Mount Pleasant, Oare, Marlborough, Wiltshire SN8 4JA  
Irish male, married with three children

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### Capabilities

- **Databases** SQL Server, Oracle, Sybase, MySQL, Access
- **Reports** Crystal Reports, Excel, SSRS, Impromptu
- **Languages** C#, C++, Java, VB.NET, DHTML, XML, T-SQL, PL/SQL, XSLT
- **Tools** ASP.NET, IIS, COM+, MQ, Apache, PowerShell, SVN, Jira
- **OS** Win2012, Win2008, Win8, Win7, Unix, Android
- **Domains** Banking, Finance, Image processing, Workflow, Engineering

Key skills are database design and optimization, visualization of complex queries as set intersections. Communicating between different platforms and client/server using web services. Building robust windows services for middle tier. Developing easily understood, comprehended and extended object-oriented code. Sound understanding of encryption and securing applications.

### Management

Meeting deadlines and ensuring software is stable and error free. Conducting technical interviews. Leading onshore and offshore teams by example and management software. Setting project standards and working methods. Analyzing requirements, producing design documents and estimating costs. Reporting to project management on progress and highlighting risk areas.

### Support

Travelling to secure sites to solve customers' software and operational problems. Debugging logically, eliminating possibilities to arrive at a solution. Resolving faults and recovering critical applications, typically in stressful situations.

### Personal

Presenting and demonstrating to all levels of staff and external clients. Displaying calmness, adaptability and flexibility in response to changing demands and opportunities. Natural teaching ability.

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### Education

Bachelor of Engineering (hons) University College, Dublin 1987  
Leaving Certificate (6 honours) Terenure College, Dublin 1983

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### Certifications

**MCP:** SQL database design, database admin and Visual Basic.  
Sun certified programmer Java 2.

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## Work Record

- 2003 – Present**      **Senior Developer, BancTec**      [www.banctec.co.uk](http://www.banctec.co.uk)  
BancTec supply cheque imaging, document capture, archive and workflow software. Working in a group of 20 developers.
- Major Achievements:**
- Refactored a **JPMorgan** web application resulting in significant performance improvements.
  - Securing of mortgage origination web-site and web services to successfully withstand third party penetration testing.
  - Increased performance and reliability of cheque sorting and matching application by porting to SQL Express.
  - Developed middle/data tier for new VAT payment system for **HMRC**.
  - Designed and implemented staging database for migration of **British Airways'** existing ticket archive to Oracle-based case management system.
  - Expanded trading application to include portfolio risk measures.
  - Designed encryption system for sales reps' tablets for **Amex** leading to the securing of a valuable contract.
  - Resolution of database locking and thread management issues in **Equiniti's** processing.
- Skills Used:** SQL2012, Oracle, C#, C++, Java, MQ, SSRS, ASP.net
- 2001-2003**      **Team Leader, Demica**      [www.demica.com](http://www.demica.com)  
Demica's software models financial trades (futures, swaps and options) using an event stream. Leading a team of five.
- Major Achievements:**
- Improved error handling of **St. George Bank's** back office system making support much more effective.
  - Developed spreadsheet for recalculating interest rates based on actual revenue stream, combining Excel GUI with existing tiers.
  - Simplified management of reserves reporting for **Siemens**.
- Skills Used:** Sybase, Java, VB, Crystal, XML
- 2000-2001**      **Developer, BancTec**
- Stabilized **ABNAmro's** fund transfer application. Created image signing process which passed stringent security requirements. This led to subsequent contracts.
  - Improved version control and automated releases.
  - Corrected and enhanced large account database for **NatWest**.
- Skills Used:** SQL Server, Oracle, Java, VB, C++, ASP, Impromptu
- 1999-2000**      **Developer, NewWorldIQ**  
NewWorldIQ provided localizable e-marketing solutions.
- Developed client configurable web reports.
- Skills Used:** SQL Server, Oracle, Java, ASP, VB, Crystal
- 1997-1999**      **Developer, SiteIT**      [www.siteit.co.uk](http://www.siteit.co.uk)  
SiteIT develop software for the construction industry.
- Trained engineers in the use of setting-out software.
- Skills Used:** SQL Server, VB, Java, C++, HTML, JavaScript, Crystal
- 1987-1997**      **Civil Engineer for various construction companies**