

VIJAY MATHEW PANDYALAKAL

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<http://vmathew.in/>

OBJECTIVE

- Find rewarding and challenging work; Create useful, influential software.

TECHNICAL SKILLS AND EXPERIENCE

- 8 years of experience as a software developer.
- Expert in: C, C++, Java, Scheme, Common Lisp.
- Proficient in: C#, Python, PHP, JavaScript.
- Familiar with: Smalltalk (Squeak), Ruby, Forth, Erlang, Clojure, SQL.
- Operating Systems: GNU/Linux, Windows.

EMPLOYMENT HISTORY

FaceTime Communications (<http://www.facetime.com>)

Senior Systems Analyst; April 2007 - Present; Bangalore

- Designed and implemented the Information Leak Prevention sub-system for FaceTime's enterprise network monitoring tool.
- Developed an RPC framework based on Google Protobuf. Today, this is an integral part of many FaceTime products.
- Created a Flex based visualization tool for analyzing enterprise wide employee socializing pattern.
- Developed network auditing tool for IBM Sametime.
- Contributed to FaceTime's Microsoft OCS connector.

SpikeSource (<http://spikesource.com/>)

Senior Software Engineer; August 2006 - April 2007; Bangalore

- Contributed to Stargate - Spike's "next generation" build and integration platform.
- Developer on the CRM Spikeinted suite.

Mindteck (<http://www.mindteck.com/>)

Senior Software Engineer; March 2006 - August 2006; Bangalore

- Developed software for controlling chromatographic devices.

Fischer Systems (<http://www.fischerinternational.com/>)

Software Engineer; February 2004 - February 2006; Trivandrum

- Designed and developed a BlackBerry application that synchronizes the local PIM database with corporate back-ends.
- Designed and implemented a generic data synchronization platform that can be extended using PHP and JavaScript.
- Developed a lightweight HTTPv2 compliant web-server that can serve dynamic content generated by PHP and C++ servlets.
- Designed and implemented an LDAP ODBC driver with support for DML statements.
- Implemented data export/import connectors for MS Outlook, Lotus Notes and Novell GroupWise.
- Developed a WYSIWYG HTML editor for the Fischer Dataforum product.

DArts

Programmer; March 2003 - January 2004; Tiruvalla

- Designed and implemented an Internet Kiosk Management System.
- Developed LAMP web-applications for various clients.

Freelance Software Consultant

January 2001 - February 2003

- Developed and marketed a complete solution for private banks.

Indusware Solutions

Programmer; March 2000 - January 2001; Kochi

- Designed and implemented the following products:
 - Planet Zip. A file compression utility.
 - Planet Split. A file split utility.
 - IChat, a text/voice/video chat application.

PERSONAL PROJECTS

- Spark-Scheme; A dialect of Lisp with versatile libraries;
<http://spark-scheme.wikispot.org/>
- DarkSide SQL; A pure relational database server in Java;
<http://sites.google.com/site/darksidesql/>

INTERESTS

- Programming languages and their implementation.
- Designing APIs and libraries.
- Exploring new ways to improve the quality and robustness of software.

EDUCATION

- Mahathma Gandhi University, Kottayam, Kerala;
Bachelor's Degree; Financial Accounting, Statistics;