

Matouš Borák

* 1976 in Ostrava, Czech Republic

adress:

Matouš Borák – Platanus
České družiny 1939/35
Praha 6
160 00

phone: 774 626 725
e-mail: matous.borak@platanus.cz
web: <http://www.platanus.cz>

- Qualification summary
- programming especially focused on IT security
 - experience with programming primarily in Java, PHP, Perl
 - programming internet-based applications, database applications
 - IT security consulting (esp. PKI, digital signature, encryption)
 - experience with systems administration and relevant security, Linux, UNIX

Professional experience

Independent programmer and IT consultant

freelancer Praha 2007-today

- various projects involving programming and consulting
- over 30 projects for cca 20 clients during the first three years of freelancing
- “small” (single-shot) as well as “large” projects in TELCO and banking industries
- selected references to be found (in Czech) at <http://www.platanus.cz/reference/projekty>

IT security consultant

Hewlett-Packard Praha 2004-2007

- independent and team work on projects dealing with IT security – PKI, network security, encryption, antispam solutions, security audits
- participation on all project phases – from proposition to feasibility study to project realization and documentation
- various utilities programming focused on network security

Team programmer (external)

Enter-Prise.Net Praha 2003

- team programming (PHP language) of a large online CRM system
- implementing new and refactoring existing code, code optimization

Firewall administrator (external)

CITCO Financial Trades Praha 2002-2003

- administration of company firewall on the FreeBSD platform
- firewall rules administration, VPN, controllership

Education

RNDr. in Physics
Charles University, Praha, finished 2004

General abilities

- advanced English conversation, both oral and written
- driving license (B)

Other

- my current work load can be found at http://www.platanus.cz/kontakt/kontaktni_informace

Selected projects:

NTL registration portal

National technical library / HP Praha 2009-today

- implementing a large registration portal for the library (25000+ code lines)
- integration of a number of technologies into a single web application
- technology: Java, JavaEE, IceFaces, Facelets, JavaCard, JMF, SOAP, SNMP, Tomcat, Oracle SQL, ...
- created for Hewlett-Packard – the system integrator
- for details (in Czech) see: http://www.platanus.cz/reference/NTK_registrace

SecureStore PKCS11 library

I.CA Praha 2009

- development of a library implementing the PKCS#11 interface for communication with security devices using the Starcor operating system
- among the functions implemented by the library are digital signature, encryption and storage of objects on the security token
- technology: C++, PKCS#11
- for details (in Czech) see: <http://www.platanus.cz/reference/SecureStorePkcs11>

AAAGW

DHL / HP Praha 2008

- development of a set of command-line scripts and a supplemental web application for easy management of LDAP objects concerning the newly built AAA environment
- technology: Perl, CGI, LDAP
- created for Hewlett-Packard – the system integrator
- for details (in Czech) see: <http://www.platanus.cz/reference/AAAGW>

Reinkarnace

T-Mobile / HP Praha 2007

- programming of PL/SQL scripts for migration of the database into the ClarityCRM environment within the "Reincarnation 705 / 709 project"
- technology: PL/SQL, Oracle
- created for Hewlett-Packard – the system integrator

OpenView Config

O2 / HP Praha 2007

- development of a web application for storing and export of data concerning managed network nodes in a network surveillance system
- technology: Perl, CGI
- created for Hewlett-Packard – the system integrator
- for details (in Czech) see: <http://www.platanus.cz/reference/OVConfig>

Callax

Sitronics Praha 2007

- a technological analysis of the Callax system interfaces (its connection to billing, payment systems, provisioning, etc.)