

## Argo Vilberg

### Curriculum Vitae

#### Personal information

**Date of Birth:** January 30, 1977

**Place of Birth:** Võru, Estonia

**Address:** Mikkoni tälu, Singa küla, Rõuge vald, Võrumaa, 66010

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#### Education

Tartu University, Informatics, 1995-2001 (BSc)

Võru 1st High School, mathematics-science class, with a diploma in informatics, 1992-1995

Võru 3rd Secondary School, 1984-1993

#### Supplemental studies

School of Exact Sciences- informatics, science, mathematics, 1993-1995

Oracle DBA, 1999

Oracle SQL statement tuning, 2000

Java programming, 2001

Small Tables Need Also To Be Tuned by Tanel Põder 2005

#### Languages

Estonian (mother tongue) , English (fluent/intermediate), Russian (basic knowledge), German (basic knowledge)

#### Employment history

OÜ Softpro, 2002-.. programmer

AS Medisoft, 1998-2002 programmer

OÜ LõunaPiim, programmer 1997-1998

## Programming languages

Turbo Pascal 7.0, Tcl/tk, Prolog, Haskell, C shell script, Unix shell scripts, Delphi 3,4,5,7, Oracle 7,8,9,10g, MSSQL, J2EE, Java, PL/SQL, PHP, JAVASCRIPT, MYSQL, POSTGRESQL, MQL4, MQL5

## Work experience and projects

- Sawmill information system programming. Programming database based on DOS files system. **Turbo Pascal 7.0**
- Hierarchical information system of the manors-rural municipalities of the Estonian Historical Archives. **Microsoft Access 2.0**
- Estonian Health Care Found (accounting for medical services, statistics, central register, various web applications). Analysis and programming. **Delphi 4,6,7, ORACLE**
- Hospitals in Estonia (Hospital statistics, data transfer ORACLE (ester) -> MSSQL (medisoft)) **DELPHI 4**
- Family doctors ~~Perearstid~~ (Updating programs over the web, database management program DBF-> MSSQL) **Delphi 4, MSSQL**
- State Agency of Medicines Estonia (Certification Program for Imports). **Delphi 4, MSSQL**
- eSchool 2002-2006. **Java, HTML, Javascript, ORACLE**. Ecological information system analysis, optimization, programming and maintenance. 500,000 lines of code were left behind rewriting only 250 000. Development of a cluster system. The new core of the e-School development. Development of new functionality of the school. 150,000 real users. There are 230,000 people in the system. Server-to-server monitoring and controlling system.
- Optimization of the **Oracle** database is performed for A Le Coq. Restructuring of indexes, 500 GB remained, 250 GB, or half of the data.
- Analysis and optimization of MUIS (Estonian Museum Information System). **Tapestry 4.0, Java, ORACLE**. Create an optimized interface between the application layer and the database layer.
- TimeBox time lap measuring system for Honda Club Racing. **Delphi 7**. USB interface relay system. Laser beam sensor. Infrared sensor. Traffic light. Measures 1-2 tracks car lap times. The start response time is measured with the help of a traffic light. System announces if the competitor made a false start, creates a leaderboard with the best lap times, measures the total time of the race x round, creates a leaderboard with faster total times, shows the speed of the finish line, the system log on the hard disk (eg for later claims to check).
- Trailway Rental Trailer Information System. **Delphi 7**.
- Rental invoices, rental agreements, analysis, technical information of trailers, semi-trailers, trailer maintenance work organization. Connection to HansaWorld. Technical support in Estonia, Latvia, Lithuania, Poland, Denmark-support.
- [www.elavtoit.com](http://www.elavtoit.com), **PHP, jQuery, j2me, Android java Api. CodeIgniter 2.0**, Map Based farmers database. Google Maps API -routing, showing points, 11 different Maps templates. Nokia and Android mobile application. Garmin and TomTom car navigation interface. RSS feeds, mailing lists, facebook, twitter.
- <http://www.digileping.ee/digileping/>, **Tapestry 4.0, Java, PostgreSQL**. Documents dynamic drafting of an agreement between different parties. ID card, digital signature.
- Mobi Solution OÜ. **Java, j2me**. Programming of the interactive Map application in Paris For Nokia mobiles.
- Analysis and audit of Reljanus AB (Lithuania) **ORACLE EBS** information system.
- Java system development of LOCANIS AG (Germany). **ORACLE on MSSQL** after transferring the application.

- www.let.ee. **PHP, jQuery, Kohana 3.0**, Google Map API, South Estonian Food Network logistics system - analysis, programming, testing, user support. Logistics in progress Google Map App. Farmer's warehouse, Food sharing circles, Retail, Wholesale trade, Bank payments, invoice generation, statistics, content management. www.let.ee, admin.let.ee, talunik.let.ee,
- wholesale.let.ee, telli.let.ee, logistic.let.ee
- www.lisatoo.ee **PHP, jQuery, Kohana 3.0**. Portal for additional work and job offers. Programming, testing, user support, Id card support.
- Optimization of the real-time information system of the Rescue Board. **ORACLE APEX, HTML, SQL, JAVASCRIPT**
- BIGBANK information system data transfer FORPOST-> PROFIT. **PHP, MySQL, ORACLE**. Writing, testing, optimizing the transfer script. Writing control reports for BIGBANK accounting.
- Development of the packaging and waste register of the Ministry of the Environment in accordance with the new law changes. **PHP, JAVASCRIPT, POSTGRESQL**.  
<http://pakend.keskkonnainfo.ee>, <http://proto.keskkonnainfo.ee>
- www.eestimetsaoksjon.ee, **PHP, MySQL, Javascript. Google Map API**. Core web framework, real-time auction system, automated bidder, ID card, bank links, content management, sending a newsletter.
- Reinpaul OÜ woodchip accounting information system. Invoices, delivery notes, storage system, analyzes, reporting, archives. **PHP, MYSQL, KOOLPHP components**.
- SMIT SOS2 information system **JAVASCRIPT** engine freeze research.
- Development of the Rescue Board's information system PAEVIS. **GROOVY ON GRAILS**.
- Development of Swedish sports product portals. **PHP, MYSQL**. [www.addprofile.se](http://www.addprofile.se), [www.brandwill.com](http://www.brandwill.com), [www.peakssport.eu.com](http://www.peakssport.eu.com), [www.skollovet.se](http://www.skollovet.se)
- Development of SCENER Electric Exchange system. 10% of the Estonian electricity market in Estonia, Latvia, Lithuania goes through this system. CRM, data warehouse, self-service in all three Baltic countries. A total of 9 portals. Servers Interface with a total of 15 different systems in Estonia, Latvia, Lithuania, Sweden and Finland. Automatic billing system, automatic data collection system, reporting, NPS price chart analyzes, consumption portfolio analysis.
- FOREX robots algorithms. **MQL4, MQL5** Monte Carlo, DayLight Scalper, Night Scalper, Cosmic 8 trend catcher, Pulse EA. More than 100+ different robots and strategy written.