Alexey Zvonarev alexapperwelt@mail.com /
https://github.com/kesaudf

TECHNICAL AND OTHER SKILLS

Web page design – PHP,ASP, MySQL, HTML, CSS, XML,VBScript, JavaScript, CSS, VB.NET and Visual Studio.Net.

Programming languages – C#, C++,lisp, Visual Basic

GIS systems – QGIS, GeoDraw, Arcview, Easy Trace, ArcGIS, Gemcom, Mircomine, Credo Dat, Geo-Spatial, MapInfo Professional.

LAMP administration (Linux + Apache + MySQL + PHP), FTP

CAD and BIM systems – AutoCAD, Revit, Allplan, Compas,Navisworks

IC, Adobe Creative Suite (InDesign, Photoshop & Illustrator), Corel Draw, MathCAD, MathLab, Word, Excel.

Knowledge of SQL Server, MS Access

Modeling language – UML, ERWin

Mother tongue **-** Russian, English (fluent), Espanol (Nivel Avanzado)

EXPERIENCE

Brusnika, Ekaterinburg, Russia

BIM/CAD Engineer   **present**

- Coordinated with logic engineers and designed tradeoffs.
- Designed tools for helping teams in Autodesk products(in C# and Lisp).
- Manage and coordinate project deliveries/delegated tasks with offshore production team
- Monitored technology library of facility for development of internal issues.
- Worked with designs teams and developed high performance and speed circuits.
- Conduct clash detection and visual walkthroughs
- Audit and review models
- Early design review and constructability analysis

LSR-Group Ekaterinburg, Russia

BIM/CAD Engineer

- Developed and routed flows for high speed processor designs and their formal timing.
- Coordinated with logic engineers and designed tradeoffs.
- Determined various power saving methods and prepared flows for high speed designs.
- Provided technical support to all CAD tools (Autodesk products, Allplan) and their related activities.
- Monitored technology library of facility for development of internal issues.
- Worked with designs teams and developed high performance and speed circuits.
- Designed tools for flows and developed new software for helping design teams(in C# and Lisp).
- Prepared quarterly budgets for BIM and CAD software upkeep and development.
- Assisted with the development and implementation of QC procedures.
- Identified trends and make recommendations for software updates.
- Prepared 3D renderings and sustainable designs.

TC NGO "Karat" Ekaterinburg, Russia

Heating ventilation design engineer

- Created a heat and cold water units, which included equipment selection for the specified parameters;
- Development mounting schemes which based on plans;
- Created instrumentation and valves' specifications;
- Check out objects for energy survey.

"STROYSERVIS-Technology" / JSC "Fortum", Nyagan, Russia

Surveyor

- Geodetic works in Nyagan SDPP construction – works with Leica FlexLine TS06,Nikon, OST Berger, GPS-receiver
- Processing of the survey results
- Preparation of as-built documentation in AutoCAD

EXPERIENCE

Yekaterinburg-Vodokanal, Yekaterinburg, Russia

Water supply and sanitation design engineer

- Responsible for conducting hydrologic and hydraulic analysis by using techniques and models like HEC-HMS, HEC-RAS and FLO 2D
- Perform responsibilities of preparing study narratives documents, floodplain studies and case reviews
- Handle the tasks of supporting water resources, disaster, emergency management and mitigation planning projects
- Responsible for assisting project managers in scoping projects and in leading project development teams
- Perform the tasks of reviewing studies performed by the staff

Magna-tech RU, Yekaterinburg, Russia

An engineer

- Develop the company site – magna-tech.org
- Translate text through HTML coding and publish pages onto the company site.
- Supply turnkey service or individual items relating to projection, servers, sound, cinema seating, aisle lights, screens and front ends, wall covering, lobby and box-office
- Technical assistance in servicing or installing cinema equipment – Barco, Ushio, Christie, Li-Tek, Kinoton, etc.

The UralBank for Reconstruction and Development, Yekaterinburg, Russia

Programmer

- Responsible for troubleshooting calls from bank's employees
- Redirected calls when necessary to 3rd tier support such as networking and communications
- Monitored the status of atms throughout the day to ensure timely resolution
- Inputted relevant call information into database correctly classifying the problem type and solution
- IT Software Development
- Worked with following programs - SAP CRM, MetaFrame, Novell NetWareAdministrator, SQL Navigator

Uralseismocentre, Yekaterinburg, Russia

GIS engineer

- Created a GIS-project which consist of "Schematic map of seismic distribution the territory of the urban lands of Verkhniye Sergi" and "Schematic map of distribution of the central part of the Ural region according to levels of occurrence earthquakes on the scale MSK-64"
- Created a field maps, cartographic documents and web-based mapping applications
- Created various cartographic materials for Ural departments

EDUCATION

the Ural State Mining University, Yekaterinburg, Russian Federation
Master degree of Science, Information systems and technologies in engineering
the Ural Federal University, Yekaterinburg, Russian Federation
Bachelor of Science, Water supply and sanitation

PROFESSIONAL DEVELOPMENT

- Study in special computer's school
- Course of computer graphics (Corel Draw, Photoshop, etc.)
- The third place on the Ural State Mining University's physics Olympiad
- Course BIM Manager (Revit)(IDT,Autodesk)

PUBLICATION:

"If you cannot – have the best, make the best of what you have", FINER Conference (Foreign Investments into the National Economy of Russia: economical, legal and institutional problems), May 2007.