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Objective

Will fill a tech lead or senior software engineer position. Up to a certain size, can take the full responsibility for a project, directly communicating with the customer, and delegating tasks in the team. Particularly excited about the functional programming techniques and advanced type systems.

Experience

- 10/2006 — today | Tech lead at XIAG AG (Zurich, Winterthur)

  Accomplishments: Led a successful 2 man-year full rewrite, after the first full rewrite attempt with another vendor has failed. Changed an app architecture for high performance, resulting in orders-of-magnitude drop in latency. Drove the adoption of better practices and tools, like test-driven development, code reviews, static analysis and linting, continuous integration, PHP → Node.js, jQuery → React/Redux, Underscore.js → Ramda, app configuration automation with SaltStack and Vagrant, CVS → Subversion → Git.

  Notable projects: SwissHotels.com with dozens of specialized partner sites, Trade.stc.ch — b2b hotel booking, Ostjob.ch with a few forks, MS Windows-native digital photo prints ordering software for ifolor

  Tech stacks: JavaScript, React/Redux, Elm, Angular, Node.js, PHP, Silex, Zend Framework, Nginx, PostgreSQL, Redis, CouchDB, Sphinx search, Linux, SaltStack SCM, C++ on Win32, WTL/ATL, GDI+

- 10/2003 — 09/2005 | Managing director at XIAG AG (Novosibirsk)

  Learned about hiring programmers, aqcuired some diplomacy skills

- 04/2002 — 09/2003 | Programmer at Center of Financial Technologies (Novosibirsk)

  Worked on internal platform development tools

  Tech: Oracle, Visual Basic 6, C++ on Win32, COM

- 10/2001 — 03/2002 | Programmer at iNetLab (Novosibirsk)

  Learned about the domain of seismic geophysics and interfacing with Fortran code

Tech: Java with Java2D and Swing, C++ on Win32, Visual Basic 5

- 10/2000 — 09/2001 | Programmer at Auktion24 Development (Novosibirsk)

  Took part in building WeTellYou.com global expert exchange portal with billing ant telephony

  Tech: Java, Linux, Apache JServ, XSLT, Oracle, Java RMI

- 03/2000 — 09/2000 | Junior Programmer at Glance AG (Zurich)

  Built a data model editor and code generator

  Tech: C++, Win32, MFC, Oracle

Education

- 10/2005 — 10/2006 | PhD assotiate at University of Twente (Enschede)

  Research topic: Aspect-oriented software architecture design. Quit the program, changed to industry work.

- 2001 — 2003 | MSc in Applied Mathematics and Informatics at Novosibirsk State University

  Graduated with honors

- 1996 — 2001 | BSc in Mathematics at Novosibirsk State University

  Graduated with honors, 100% excellent grades — one of the top 2% of students