Alexandru Nedelcu

Software Engineer / Tech Lead

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Skills and Expertise

I build highly-scalable, intelligent and user-friendly software.

Keywords: MySQL, Linux, Java, PostgreSQL, Unix, Web Development, Programming, Apache, Software Engineering, Perl, Ruby, Django, Ruby on Rails, User Experience, Bash, Agile Methodologies, Git, Emacs, Scalability, Open Source, Algorithms.

Interests: programming languages, compilers, data mining, algorithms, startups.

Experience

Software Engineer / Tech Lead at *Epigrams*

January 2010 - August 2013 (3 years 8 months) - 3 recommendations available upon request

The work I did on Epigrams involved, in the last year after several pivots and explored ideas, building a massively scalable system for serving intelligent ads. The system, built with technologies such as Scala, Javascript, Hive and Python, was designed to run on top of Amazon AWS and was able to serve over 35,000 transactions per second, logging over 10 TB of data each week for analysis with map/reduce jobs. In terms of infrastructure costs, it was extremely efficient too.

I've built the system from scratch mostly by myself with guidance from the 2 awesome cofounders of Epigrams, except for the iOS and Android client SDKs, until we had something profitable on our hands. After which we started growing the team and I became responsible for being the lead of 5 other people in our Bucharest office. I had two moments of extreme pride while working on it - when Heroku told us that they've never seen such an efficient app and that we cost them more than we are paying and then when we realized that we are profitable.

In this startup I also ended up working with some of the brightest people I've ever met and I am extremely grateful that we crossed our paths.

Software Developer at *Sinapticode*

November 2008 - January 2010 (1 year 3 months) - 1 recommendation available upon request)

Worked as a software consultant on turn-key apps.

Computer Scientist at *Adobe Systems*

July 2007 - November 2008 (1 year 5 months) - 5 recommendations available upon request

Worked in the Web Infrastructure department, where we developed a search and commenting application for Adobe's learning resources, currently visible at http://community.adobe.com/help (and throughout Adobe's learning resources).

Web developer at Webinhabit, Inc

August 2005 - July 2007 (2 years)

Software Consultant, worked on an ecommerce platform.

<u>Recommendations</u>

"Lots of engineers believe they can build anything, but Alex is one of those rare engineers who actually can. Alex's contributions at Epigrams and Magnolia Labs--whether you count lines written, milestones shipped, problems solved, or disasters averted--are so immense as to dwarf all others. It's no exaggeration to say he is the beating heart of Epigrams engineering, and he stands as a source of inspiration for everyone in the company." -

Olcay Cirit, Co-founder & CTO, Epigrams, Inc., managed Alexandru at Epigrams

"Alex is definitely one of the best software engineers I know. He can work across the stack using multiple languages and build systems that will handle massive loads and scale automatically. He actively seeks and incorporates end user feedback while staying focused on shipping. I am glad we had the opportunity to work together."

Andrei Savu, Founding Partner, Axemblr Software Solutions, worked directly with Alexandru at Epigrams

"Alexandru is an excellent developer, fluent in python, ruby&rails, and other open source tools. He's very responsive to requests and suggestions for changes."

Sveatoslav Vizitiu, User Experience and User interface designer, Magnolia Labs, worked directly with Alexandru at Magnolia Labs

"Alex is one of the best software developers I've worked with. His skills, experience and ability to work around any technical problems helped us get things done each and every time." -

Adrian Arnautu, Software Developer, Sinapticode Romania, worked directly with Alexandru at Sinapticode

"*Alexandru is a very skilled cross-platform developer constantly looking to improve himself. He has brought solid innovation to the product with his unique algorithm for community-aware auto-complete. He has a keen eye for the end user and is very focused on delivering a top-class product. It was a pleasure to work with Alexandru and to learn from his experience and wisdom.*"

Razvan Caliman, Computer Scientist, Adobe Systems, worked directly with Alexandru at Adobe Systems

"*Working with Alexandru has been one of the most challenging things in my career. He is a pleasure to work with and a fun person to be around. The challenging part is to be able to keep up with him. He is one of the most passionate developers I know and has a brilliant mind for complex algorithms. He is always seeking to improve himself and his work. He is driven and passionate and eager to help others overcome their obstacles. It would be a pleasure to work with him any-time.*"

Catalin Comanici, Quality Engineer, Adobe Systems, worked directly with Alexandru at Adobe Systems

"*A rock'n'roll star for programming. The third person met in my life that can be named true coder. I would work with him on any project because he's smart, passionate and a great person. Read his blog because is full of interesting things. Excellent job Alex!*"

Bogdan Serban, Tech Lead, Adobe Systems, managed Alexandru indirectly at Adobe Systems

"*This guy is brilliant [end of description]. One of the worthy few one hopes could spend one's experience in this industry by his side. Delighted to work with him. As the journey continues...*"

Filip Bocse, Computer scientist, Adobe Systems Romania, worked directly with Alexandru at Adobe Systems

"*Alex is very savvy in all things IT, and is an incredibly creative software engineer. On many occasions, he has served as a reality check on the project, asking insightful questions or proposing out-of-the-box solutions to problems.*"

Marius Zaharia, Program Manager, Adobe Systems Romania, managed Alexandru indirectly at Adobe Systems