



Curriculum Vitae

# Alex Deva

One-line history: Squad Lead / Senior Architect / Associate Director / Web Developer / Writer / Helicopter Pilot

Alex Deva  
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## Profile

Date of birth: June 18th, 1977

Nationality: Romanian

Place of birth: Blaj, Romania

Email: [jag@alxx.se](mailto:jag@alxx.se)

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Website: [www.alxx.se](http://www.alxx.se)

Town of residence: Vetlanda, Sweden

Marital status: married (one daughter born in 2005, one son born in 2010)

## Professional Experience

### **System Architect / Squad Lead, Husqvarna AB; Huskvarna, SE - since 2019**

Service Architect for Husqvarna Connect and for Husqvarna Service Hub

Squad Lead / SCRUM master

Leading the Technical Architecture Group

### **Senior IT Architect, LogicalWare; Scotland, UK - 2019 - 2019**

Creating and implementing voice-centric data architectures around a CRM solution for Scottish company LogicalWare ([www.logicalware.com](http://www.logicalware.com))

### **Associate Director, Indiro.se; Vetlanda, SE - 2016 - 2019**

Managing the development team and coordinating the outsourcing effort of a Swedish-Romanian software and testing company ([www.indiro.se](http://www.indiro.se))

### **Associate Director, Indigenious Development; Tîrgu-Mureş, RO - 2007 - 2016**

Managing the development team and coordinating the outsourcing effort of a Romanian software and testing company ([www.indigenious.ro](http://www.indigenious.ro))

### **Udemy Course Developer - since 2017**

Author of various e-learning content which is sold on the Udemy platform.

### **Head of Development, Zapoint; Boston, MA, USA - 2007 - 2018**

Leader of the Romanian team of developers for Boston-based start-up Zapoint



Curriculum Vitae

**Managing Director, Twodecode Tech; Bucharest / Oostende (BE) - 2006-2007**

Lead a team of developers/administrators who built, managed and maintained a large-scale HR application on the Belgian market.

**Senior IT Consultant, Modulo Consulting; Bucharest - 2005-2006**

Modulo Consulting is a company whose goal is “to be a valuable extension of its clients’ internal resources and to provide them with exceptionally skilled personnel who make a difference starting with day one” (www.modulo.ro)

**Project Manager, Vodafone Romania; Bucharest - 2004-2005**

Project Manager in the Marketing department, leading a number of 3G and web related projects including the mobile video streaming platform (www.vodafone.ro)

**Services Developer, Vodafone Romania; Bucharest - 2002-2004**

Involved in a number of corporate projects; researched the market for new services and technologies, technically managed their integration, or took active part in their development. Developed a number of Intranet web-based applications. Worked in video editing, scripting and producing of internal promotional videos. Assessed, implemented and handed over a number of corporate projects.

**Systems Administrator, Nigram SRL; Blaj - 1999-2001**

Built and managed an Internet Service Provider from scratch, including hardware and software integrations.

**Teacher, “Liceul Economic”; Blaj - 1999-2001**

Taught Computer Science classes to high-school and university college students.

**Freelancer; Blaj - 1991-2001**

Developed a number of desktop and web applications for foreign clients. Among them, in 1999 I’ve released the official training software of the Romanian Radio League which quickly became the standard in Russia, the Ukraine, Finland, Spain, Brazil etc.

Desktop publisher and print artist for books, print magazines.

Creator of a few ads for the local radio stations.

**Systems Administrator, “Babeş-Bolyai” University; Cluj-Napoca - 1996-1999**

Employed at the Communications Centre of the university, architect of two open sub-networks within UBBNET (then the second largest ISP in Romania), webmaster; responsible with dial-up connections; customer support representative.



## Education

- ▶ 1995 - 1999: student at the “Babeş-Bolyai” University of Cluj-Napoca, Faculty of Mathematics and Computer Science.
- ▶ 1991 - 1999: Colegiul Național “I.M. Klein” Blaj, admitted the second at the Computer Science High-school, graduated as computer analyst - programmer.

## Auxiliary Studies

- ▶ 2020: DevSecOps course
- ▶ 2019: ScrumMaster course (Certified ScrumMaster)
- ▶ 2018-present: student at Linnaeus University in Växjö (Sweden), studying linguistics and literature
- ▶ 2012-2013: Romanian Aviation Academy -- graduated as Private Helicopter Pilot
- ▶ 2011: “Journalism and Media Communication” course at the Business Academy, graduated with the single maximum mark
- ▶ 2005: “Marketing Essentials”, training by TACK Romania
- ▶ 2003: “Developing Enterprise Web Services using Bea Weblogic”, training by Bea
- ▶ 2003: “Developing Enterprise Web Applications using Bea Weblogic”, training by Bea
- ▶ 2003: “Programming in PL/SQL”, training by Oracle
- ▶ 2002: “Introduction to Oracle: SQL”, training by Oracle
- ▶ 2002: “Designing Web Applications using XML and XSL”, training by Computerland and Microsoft Romania;

## Achievements and Experience

### Cloud Computing

- ▶ AWS
  - ▶ Very good expertise with EC2, S3, Amazon Connect (created a good number of IVR applications), Lambda (including layers and serverless applications), Transcribe, SQS, AppSync, DynamoDB, Comprehend (the transcription service), API Gateway
  - ▶ Good expertise with Load Balancer, SNS, IAM and others
- ▶ Azure
  - ▶ Good experience with Azure Instances, Azure MySQL, and Load Balancing
- ▶ Google
  - ▶ Written a university paper with studies based on Google’s Natural Language Processing API

### Technologies

- ▶ Very good expertise with GraphQL (selling a Udemy course about it, and written a framework centred about it, see below), including Subscriptions
- ▶ Frontend
  - ▶ Some experience with Angular and with React Native
  - ▶ Very good experience with jQuery
  - ▶ Some CSS expertise



Curriculum Vitae

- ▶ Backend
  - ▶ Mostly Rails API backends (versions 2 to 6), but also AppSync, Surikat etc
  - ▶ Very good experience with SQL databases (MySQL, SQLite, Postgresql) and NO SQL databases (Redis, Mongo, DynamoDB)
- ▶ Mobile
  - ▶ Some experience with React Native, Expo and Monaca, building hybrid apps for both iOS, Android and the web
- ▶ IoT
  - ▶ Some experience programming the BeagleBone Black SB
  - ▶ NAS programming for example with a ffmpeg server to store surveillance camera footage

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## Software Development History

- ▶ First self-made software sold: 1991 (age 14)
- ▶ First computer course held: 1992
- ▶ 1989 – 1995: won various competitions of programming, radiotelegraphy, English language, music
- ▶ Wrote world's first practical example of programming using Latin
- ▶ 2003 - Developed a teletext/SMS application still online and available today on the Romanian national Antena1 TV channel
- ▶ Open-source contributions: the Typo project, Ruby on Rails plugins, and author of the Liverpie project - a VoIP proxy ([www.liverpie.com](http://www.liverpie.com))
- ▶ Created Foxo.ro — an online platform containing tutorials and interactive problem-solving exercises to help beginner programmers (no longer maintained)
- ▶ Created LayeredStories.com - a different type of blogging platform
- ▶ Created Hardest Word Puzzles - a Facebook game
- ▶ Created Surikat — a web framework made in Ruby and centred around GraphQL ([github.com/alxx/surikat](https://github.com/alxx/surikat))



## Foreign Languages

### English: IRL level 5

- ▶ 2017 - English 7 (highest pre-university level available in Sweden, graduated with maximum score)
- ▶ 2015 - IELTS score 8.5  
(Listening: 9/9; Reading: 9/9; Speaking: 9/9; Writing 7.5/9)
- ▶ Translated "The Odd Couple" stage play by Neil Simon into Romanian, currently enjoying success at the Comedy Theatre in Bucharest
- ▶ Wrote and published English novels ([www.starshipdoi.com](http://www.starshipdoi.com))

### Swedish: SVA03; CEFR level C1

- ▶ Graduated all three levels of "Svenska som andra språk" (SVA) in Sweden, with the maximum mark, A.
- ▶ Graduated a 4-month intensive Swedish language course in Barcelona, Spain; graduated a Swedish language course at Coridis, in Romania with 96%.

### Romanian: IRL level 5 (native)

### German: IRL level 2 (studied for 7 years in school)

### Czech: IRL level 1

### Mandarin Chinese: HSK level 1

## Training Experience, Public Appearances

- ▶ 2018 - speaker at Codecamp Romania, one of the largest IT conferences in Eastern Europe
- ▶ 2017 - today - Udemy course author (web programming and personal development)
- ▶ 2015 - trainer at the TechDrive events, where children can learn programming for free
- ▶ 2012 - hired as Ruby trainer for a team of developers working at a large software company in Cluj-Napoca
- ▶ 2008 - 2010 - speaker at various IT-related events (most notably the GeekMeets)
- ▶ 2002 - 2005 - spokesperson for Vodafone Romania including in televised launches and assigned to VIPs (like the President of Romania)



Curriculum Vitae

## Publications

- ▶ 2018 - published "Starship Doi: Wars", a science-fiction novel in English, the sequel to "Starship Doi"
- ▶ 2015 - published "Starship Doi", a science-fiction novel in English ([www.starshipdoi.com](http://www.starshipdoi.com))
- ▶ 2013 - published "Ostatic 2.0: Camera din Teheran", an illustrated thriller novel in Romanian ([www.o2cdt.ro](http://www.o2cdt.ro))
- ▶ 2009 - wrote a linguistic essay in Romanian on the possible origins of the verb "to smile", available on my website
- ▶ 2007 - published "Web Programming... With A Twist" (original title: "Programarea web... altfel"), a semi-technical book, Edusoft Publishing House, Romania; ISBN 978-973-8934-65-6 - currently part of university required reading.
- ▶ 2006 - wrote, produced and directed a sci-fi comedy radio play
- ▶ various other essays and short stories

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## Journalism

- ▶ 2011 - wrote, produced and appeared in a short documentary film called "Sunrise of Romanians" ([www.sunriseofromanians.com](http://www.sunriseofromanians.com))
- ▶ 2002 - 2007 - wrote a number of press releases for various companies
- ▶ 2006 - produced and appeared in a year-long Romanian podcast entitled "Pe scurt... Romania!" for the diaspora
- ▶ 2011 - wrote editorials, features etc. as part of the Journalism course
- ▶ maintained a blog about my flight school at <http://punctfix.ro>

## Management

- ▶ Squad Lead, Husqvarna AB
- ▶ Associate Director, Indigenious Development
- ▶ Managing Director, Twodecode Technologies Romania
- ▶ Head of Development, Zapoint Inc.
- ▶ Project Leader, Vodafone Romania



## Skills, licenses, affiliations, personal achievements

Programming skills: Ruby / Ruby on Rails, Perl, C++, shell scripting, JavaScript (jQuery, Angular, React Native), mobile devices (Monaca, Expo)

Development technologies: Operating Systems (Linux / OSX); Web: REST / GraphQL, HTML5, AJAX, PubSub, etc); VoIP: Amazon Connect, Freeswitch, Asterisk, Twilio; TCP/IP, POP3/IMAP/SMTP, HTTP, EMI/UCP, SIP, IAX2; XML/XSLT; GPRS/UMTS; the PAG teletext format;

Databases: MySQL, MariaDB, Redis, Oracle, PostgreSQL, MongoDB, memcache

Cloud Computing Experience:

- Amazon (AWS): EC2, ECLB, S3, EFS, S3 Glacier, Amazon Connect, Lambda, DynamoDB, AWS AppSync, CloudWatch, IAM, Amazon Comprehend, VPC, Route 53, API Gateway, Amplify-JS, Terraform
- Microsoft Azure: Compute (linux VM), Azure Database for MySQL/MariaDB, load balancers, IAM, Web Apps, Azure Storage

Video processing: FinalCut Pro, iMovie, Blender, Audacity, GarageBand etc.

Aviation: flying, dead-reckoning navigation, radio communication, flight aerodynamics, helicopter mechanics, human performance, meteorology.

Accumulated competencies: analysis and synthesis, good teaching skills, excellent presentation abilities, knowledge of Marketing / Communication / BTL industry, good ability and experience in Customer Relations, some experience on stage, radio and TV, good multilingual speaking abilities, know how to face a camera or how to use one.

Creative writing, fiction/non-fiction; technical writing.

Private Helicopter Pilot, rated on Robison R22

Aviation radio license, B-class medical certificate

European driver's license, B class

US B2 travel visa valid until 2029

Member of the Aircraft Owner and Pilots Association

International radioamateur license 2nd class (SM/YO6 OOZ)

Lead guitar and drums player (experience in rock groups, both in studio and on stage)

Rokkyu (6th kyu, green belt) in traditional as well as wado-ryu karate

Former student on fixed-wing aircraft (25 hours DC Aerostar Festival and Sting TL-2000)

Ran a half-marathon in May, 2015.

Passions: linguistics, flying, airsoft, martial arts, science-fiction, Solowheel.