

Curriculum Vitae

Personal Details

Name: Gal Kahana

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Date of birth: April 3, 1978

Country of birth: Israel

Marital status: Single

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Linkedin: <https://www.linkedin.com/in/galkahana>

Website: <https://www.pdfhummus.com>

Education

2003- 2005: Graduate studies in Philosophy, Tel Aviv University

1996 - 1999: Bachelor's degree in Math and Computer Science, Tel Aviv University (Officer Candidate Academic Studies Program)

1996: Matriculation certificate in the mathematics and physics track at the Tel Aviv University School of Practical Engineering

Work Experience

2022 – Present: ZipRecruiter, Software Developer

Data engineering with a splash of classic ML inference. Developed offline data pipelines. Developed batch offline as well online inference to support recommendation systems

2017 – 2022: K Health, Software Developer

CTO sidekick. Architecting, developing and optimizing core backend and frontend solutions. Some Devops.

2015 – 2017: Spree, Software Developer

Developing backend and frontend tools to promote curated products

2013 – 2015: XMPie, Staff Software Engineer

XMPie (A CareAR Company) develops one-to-one marketing solutions in various media.

Developing web products and web editing tools

2010 – Present: Owner of PDFHummus

Open-Source library for generation, parsing and manipulation of PDF files (C++ - [link](#), NodeJS - [link](#))

2008 – 2013: XMPie, Product Manager, Digital Imaging

Managing print, imaging and video products

2004 - 2007: XMPie, Team Leader, Imaging Technologies

Leading a team developing print stream generation engines. Participated in the invention of a patented system for processing variable print documents. Patent registration link -

<https://patents.google.com/patent/US20080144108>

2000 - 2002: Send2Post, Digital Print Consultant

Developed solutions for viewing and editing of various digital formats.

1999 - 2004: Elite Technological Unit in Israeli Air Force, Software Officer IT systems development.

Military Service, Discharged at the rank of captain.

1996 – 2002: Scitex, RIP Group of Print-On-Demand System Division

- Wrote engine for Xerox printer.
- Participated in PODI, international standards committee for creation of digital print standards, as CreoScitex representative - PPML.
- Participated in creating PS-based digital print formats VPS, PPIF.
- Developed proof products for various print formats (PS, PDF, PPML, VIPP, JPEG, TIFF, etc.).
- Developed algorithms to accelerate processing of print products.

Skills and Qualifications

- Expertise in design and development of a wide range of software products. Can do Backend, Frontend, FullStack, offline and online Data engineering, Desktop applications, Graphics software, mobile applications etc.
- Subject matter expertise in digital printing and some image processing
- Recently developed mostly in C++, Python, Java, Scala and Go. Spark, Flink, DBT.
- In the past also programmed software in NodeJS, Typescript/Javascript, React (web), React native (mobile), ObjectiveC/Swift (for mobile development), C#, VB, Postscript. Familiar with Docker, K8s, Terraform.
- Extensive familiarity with digital print languages and formats like PDF, Postscript, and more exotic ones like PPML, Xerox VIPP, Scitex VPS, PostScript, PDF, Nexpress VDX. Font Formats, Image formats as well
- Experienced in training, presenting and in customer and programmer support.

Languages

Hebrew – native language

English - fluent