

Sharon Shaked – CV

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Age: 32

Synopsis: A 32 years old software & web developing engineer, with 8 years of experience. In Addition I have Next Generation Sequencing (genetics) knowledge and experience.

Traits: work well in a team, can self-manage, serious and responsible, fast learner.

Education: Software Engineer (B.Sc.), Haifa University

Experience: Software & Web Development

March 2008 – April 2013 , November 2013 – October 2015 : Software Engineer, Pageflex Israel LTD (ex: Press-sense ltd)

- **Starting July 2010: Software engineer in the R&D group.** Working on the flagship product: a large web based print house management system catering to both BTB and BTC. I was working both on client and server side, using: ASP (classic), ASP.NET, C#, VBScript, JavaScript, jQuery, SQL Server & SQL.

Some of my projects include:

- Writing a client side tool to allow changing and cutting media files brought into the system. Done as MVC.
- Localization for the entire product (numbering, dates and languages including custom strings).
- Fortifying the product against Cross Site Scripting (XSS) attacks.

For a period of 1 year I was the team leader of the sustaining group, in charge of delivery on time to QA and managing the time and resources of the group. This was until the version was obsolete.

- **November 2008 – June 2010 : Student position in the R&D team.**
Working on all the aspects of the product, mainly using ASP.NET & C#. Have major responsibility areas in the product.
- **March 2008 – November 2008 : Student position in Professional Services Team.**
Working on customizations of the product for clients: integrating to 3rd party products, adding features, customizing look etc. Mostly using ASP, VBScript, JavaScript and C# ASP.NET + SQL Server.

June 2011 – Today : Web & Software Developer, Sharon Shaked Software Services (Freelancer)

- Developing and designing websites: from the design stage to integration, according to client needs. This includes simple websites (“about us websites”) and more complex database driven websites.
Mainly using: JavaScript, CSS3, HTML5, jQuery, Bootstrap, AngularJS, ASP.NET, SQL (Server\MySQL), PHP.
- Developed “Accessible+” an accessible HTML template that is Bootstrap 3.3 based. Conforms with 2 standards:
 - WCAG 2.0 AA (international standard by W3C).
 - Section 508 (American standard).
- Outsource work for companies including:
 - Design and build pieces of software and pipelines for genetic data extraction (NGS) for companies in the genetics field. This includes improving the pipeline to achieve very good results automatically to allow better clinical-grade findings.
 - Worked as a consultant for Gene By Gene (<https://www.genebygene.com/>) – an American company (remote job) as a freelancer software engineer. Helped develop and maintain windows products as well as move parts of their pipeline to Amazon EC2 using Ruby. (more in NGS below).
 - Built websites for campaigns.
 - Small business consulting and help with websites, online social media presence, online ads, etc.

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Experience: Genetics (Next Generation Sequencing = NGS)

April 2013 – September 2015 : Developed and improved NGS pipelines, Exome Analysis (<http://exomeanalysis.com>)

Dr. Shay Tzur's Exome Analysis is providing research and clinical NGS data analysis and is dealing with improving and automating processes in NGS analysis and filtering.

I have written pipelines, compared open source products and selected the best in class for each of the stages in the pipeline, designed and detailed new software we needed, worked and managed our Indian developer (has genetics background) and checked his work, and responsible for all the technical decisions made.

April 2013 – October 2013 : Software Engineer, Gene By Gene (<https://www.genebygene.com/>)

An American company, working remote as a consultant. Worked on 2 main projects:

- Windows based – software for analysis of genetic data, including algorithms and reporting to end users/doctors. (Used: windows forms, c# .NET 4.0, SQL Server, ABCPDF library).
- Unix based + Amazon cloud – software for genetic sequencing, analyzing and annotation. (Used: Ruby, Amazon EC2, Amazon S3, Amazon SWF – Simple Work Flow).

My employment there was cut short by a new CTO that wanted all his team to be in Texas. My manager can give a recommendation if needed.

Languages:

English: very high level, written and verbal, good technical English.

Hebrew: Mother Tongue.

Russian: Verbal Only.