



Neil Kalman

Senior Software Engineer
Full-Stack Developer

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Work Experience

Dec 2015 – Apr 2017

SENIOR SOFTWARE ENGINEER AT REDKIX

<https://redkix.com/>

- Programming an email web client for Redkix
 - Worked on data handling and UI manipulation typically required by email clients. Including **real-time, inline embedding of assets, manipulating images** (crop, resize, etc.), **text manipulation and integrating with a WYSIWYG** (markdown, emojis, URLs, mentions), and more.
- Creating the native fork of Redkix for OS X & Windows, including certifications and installers
- Developing complex UI components and animations

Feb 2015 – Oct 2015

SOFTWARE ENGINEER AT NISHA PRO, AT GOOGLE

Worked in the Live Results team, creating cards for Google Search.

- Used Agile practices and Test Driven Development techniques to provide reliable, working software early and often
- Server side and client side data manipulation
- Worked on adapting Google search UI components to load and run faster on poor internet connections, minimizing the Google Search page size.

Jan 2014 – Feb 2015

FRONT-END DEVELOPER AT AMDOCS

- Working on web components that were used by other Amdocs products
- Creating responsive designs
- Writing code that is customizable and theme-able.
- Complex CSS animations

Education

2009-2013

B.Sc. in Computer Science and Life Science, Tel Aviv University,
Combined program with an emphasis on Bioinformatics (double major).

Social Programming

- StackOverflow Story: <http://stackoverflow.com/story/neilkalman>
 - Top 10% answerers in **CSS** and **HTML**
 - Top 20% answerers in **AngularJS** and **JavaScript**
- GitHub Profile: <https://github.com/thatkookooguy>
 - Contributed to projects like **FredrikNoren/ungit** and **zhukov/webogram**

Personal Projects

- **Github.com/kibibit/achievibit** - GitHub Gamification - Achievements system as a GitHub WebHook
Achievibit was recently selected by GitHub to appear on their GitHub Browser Extensions page
<https://github.com/showcases/github-browser-extensions>
- **Github.com/kibibit/kibibit-code-editor** – Web based code editor – Work in Progress
Implemented most of the core functionality. Planning to add collaboration features for better team work
- **Building an Arcade Machine** - American Style Arcade Cabinet
Learned Woodworking to make the Cabinet itself, Integrated coin acceptors using Arduino, and some scripting using AutoHotkey

Additional Skills

- **PHOTOSHOP, ILLUSTRATOR & HAND DRAWING (PROFICIENT)**
Photo editing, coloring, vector asset creation, icons & comic book style drawing in my spare time.

- **SAXOPHONE PLAYER \ MUSICIAN (EXPERT)**

Over the years I performed with several bands (REO, Pancho, Carmel Apple Pop, etc.) and worked with several Israeli artists like David Broza, Assaf Amdursky, Ruthi Navon, and more.

- **DIY | ARDUINO | MAKER COMMUNITY (NOVICE)**

Created several little projects ;sing Arduino, including a Showcase Window for a shop in Tel-Aviv, Some coin acceptors for my arcade machine, and several small home automation projects.

Technical Skills

Languages: Web Development[JavaScript, CSS3, HTML] (expert), Java (proficient), C (prior experience), Perl (prior experience), Shell Scripts (prior experience), AutoHotkey (prior experience)

Tools: GitHub (expert), Git (expert), Jira (expert), Sketch (proficient), Zeplin (proficient), Perforce Helix (prior experience)

Technologies: AngularJS (expert), JQuery (expert), SASS (Expert), CSS3 Animations (expert), Lodash\Underscore.js (expert), UI Patterns (expert), Promises (proficient), Electron (proficient), Web Accessibility (proficient), Web Sockets (proficient), Socket.IO (proficient), NSIS (proficient), ExpressJS (proficient), MongoDB (proficient), GitHub Integration (proficient), WebHooks (proficient), AJAX (proficient), REST (proficient), ES2016 (proficient), Node.js (proficient), NSIS (proficient), OS Certifications (proficient), WYSIWYG (proficient), React (prior experience), Backbone (prior experience)

Methodologies: OOP (proficient), TDD(proficient), Responsive Web Design (proficient), Mobile-First (proficient), Functional Programming (proficient), Scrum\Agile (proficient)

Languages

Hebrew native (speech, reading, writing)

English native level (reading, writing), good (speech)