
Alon Tal

Mechanical Engineer and Web Developer

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SUMMARY

Experienced Mechanical engineer, today a JavaScript and React Developer. Highly motivated with unique engineering skills. Also contributing to open source frameworks.

Please checkout my hand crafted React based Projects at my [Portfolio](#)

SKILLS

Engineering: Failure Analysis, Fractography, Maintenance, Troubleshooting, Reverse Engineering, Industrial processes - chemical, physical and electrical.

Software: JavaScript, React, Material-UI, NodeJS, GraphQL, REST API, Redux, Apollo, TypeScript, SCSS, Jest, also familiar with Python, C++, Java, SQL, Scheme, JMP, Matlab.

EXPERIENCE

GeekyViking Web Studio - *Web Developer* | 2020

- Full-stack Development - Working with NodeJS, GraphQL, Frontend React + Apollo Client.

Coding Academy - MisterBit - *Web Developer* | 2019 - 2020

- Creating SPA Web applications - Full-stack and React Front-end Development.

ICL Industrial Products, Bromine Compounds - *Mechanical and Project Engineer* | 2012 - 2018

- SIGMA 6 Project - statistical method for optimization of production processes.
- Project engineer in the Project Operations Unit - Construction establishment projects:
 - 122P Flame Retardant as an ingredient of materials in the construction industry.
 - BRU - Bromine Recovery Unit - This facility reproduces bromine from chemical funnels.
 - Producing PBBR - ingredient of Flame Retardants for other facilities..
- Data Leader and software Instructor in a Unification Project of ICL's Global Plants. SAP system administrator and software instructor in collaboration with SAP and IBM.

EDUCATION

Full-Stack Development - *Coding Academy* | 2019-2020

Computer Science, Core Studies Bsc - *Ben-Gurion University* | 2018 - 2019

Mechanical Engineering Bsc- *Ben-Gurion University* | 2009 - 2013