Debi Sela
Full Stack Developer and Environmental Engineer

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

SUMMARY

Full Stack Developer with a background in Environmental Engineering, bringing over 10 years of experience in the water and wastewater sector. Committed to sustainability, I am skilled in integrating cutting-edge technologies to drive innovative and efficient solutions. Passionate about leveraging my technical expertise to create impactful applications that address environmental challenges.

TECHNICAL SKILLS

JavaScript, HTML, CSS, React, Redux, Typescript, Python, OOP, SQL, CAD (AutoCAD), GIS (QGIS), CRM systems

TECHNICAL PROJECTS

EasyCart – Winner of Hackathon - [Link to app](#)
A responsive app designed to help users manage and organize grocery shopping lists, built with JavaScript, HTML and CSS
- Input Functionality: Created a text area for users to input grocery items supporting multiple separators for flexibility.
- Automatic Categorization: Designed logic to categorize items automatically, improving organization within the shopping list.
- User Interaction: Build features for marking items "In Cart" or "Not Found" and filtering based on status.

EXPERIENCE

Solution Engineer
Kando, Israel   07/2022 - Present
- Design wastewater quality solutions using QGIS, resulting in cost saving for customers and increased operational efficiency
- Develop new automation tools in collaboration with product and data teams, enhancing internal workflow efficiencies
- Deliver product demos to internal and external stakeholders, enhancing understanding of product capabilities
- Manage company CRM system, optimizing data integrity and reporting processes

Process Engineer
IDE technologies, Israel   01/2021 - 06/2022
- Create technical proposals for water treatment solutions tailored to client needs
- Develop process flow diagrams (PFDs), piping and instrumentation diagrams (P&IDs) and equipment specifications ensuring compliance with design standards

Presale Engineer
Aqwise, Israel   03/2016 - 01/2021
- Design biological and hydraulic wastewater treatment units based on customer data, using modeling software and AutoCAD
- Preparation of techno-commercial proposals
- Publication of paper on company proprietary wastewater technologies for WEFTEC conference

EDUCATION

Full Stack Web Development, Python and JavaScript program   Tel Aviv, Israel
Developers Institute, TLV Coding Bootcamp   03/2024 - Present

M.Sc. Environmental Geochemistry   Beer Sheva, Israel
Ben Gurion University of the Negev   07/2016

B.Sc. Environmental Engineering   Zurich, Switzerland
ETH Zurich   08/2013

LANGUAGES

English – fluent
Hebrew – fluent
German – native speaker
Spanish – fluent