Idan Amati Saban

Full-Stack Software Engineer

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Full-stack engineer with five years of experience building web applications and external integrations using TypeScript, Node.js, and React. Delivered banking integrations, serverless synchronization workflows, and complex interactive tools. Earlier professional background in architecture and design.

EXPERIENCE

Melio · Full-Stack Developer — Aug 2024 – Nov 2026

Frontend and backend features for a white-label payments platform integrated with a major banking partner serving multiple banks.

- Implemented check cancellation and refund workflows, working with the banking partner and internal teams to resolve API contract gaps and represent asynchronous payment states.
- Refactored payment synchronization to fetch additional refund details only for qualifying transactions, limiting external API calls while preserving downstream interfaces.
- Built synchronization flows using AWS Lambda and SQS, extending established serverless patterns through internal infrastructure tooling.
- Built partner-specific payment timelines and status displays through frontend plugins and APIs, including support for migrated checks with incomplete lifecycle data.

Noble · Full-Stack Developer — Jul 2021 – Aug 2024

Interactive tools for a platform that automated credit-decision workflows.

- Independently designed and built a React and TypeScript formula editor using Lexical, with a custom parser converting expressions and variable references into abstract syntax trees.
- Built conversational formula creation end-to-end using LangChain, transforming structured AI output into the existing formula-processing pipeline.
- Led adoption of reducer-based state management in a complex workflow editor, separating user actions from state-transition logic.
- Introduced Storybook for isolated component development and review, creating the initial integration and stories for collaboration with product and design.

Lagoon · Full-Stack Developer — Feb 2021 – Jul 2021

- Built a custom financial data visualization tool using React, D3.js, and pandas.

SKILLS

Core stack	TypeScript, JavaScript, Node.js, React
Cloud	AWS Lambda, Amazon SQS
Databases	MySQL, MongoDB
Spoken languages	Hebrew (native), English (fluent)

EDUCATION

Full-Stack Development Bootcamp · Israel Tech Challenge — 2020 – 2021

Bachelor of Architecture · Bezalel Academy of Arts and Design — 2012 – 2017

EARLIER EXPERIENCE

Architect · A. Lerman Architects — 2018 – 2019

Associate Curator · Israel Museum and Tel Aviv Museum of Art — 2015 – 2017

Algorithmic Trading Operator · Barak Capital — 2011 – 2012

Network Administration · Israel Air Force Intelligence — 2008 – 2011