# NOA RABIN COHEN
## Full-Stack Software Engineer

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## Summary

**Full-Stack Software Engineer** skilled in **TypeScript, React, Node.js, PostgreSQL, Ruby on Rails, and Python**. Experienced in **end-to-end system design** and building scalable **SaaS applications**. Strategic problem-solver focused on **API development, cross-functional collaboration**, and delivering efficient, **impactful user-focused software solutions**.

## Technical Skills

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| **Languages & Frameworks** | TypeScript, JavaScript, **HTML, CSS**, React, Next.js, Node.js, Ruby on Rails, Python, Express |
| **Databases & Tools** | PostgreSQL, Prisma, GraphQL, REST APIs, Styled Components, Tailwind CSS, Apollo |
| **Development Practices** | Full-Stack Development, SaaS Architecture, API Development, Modular Architecture, Code Refactoring, Cloud Deployment (Render, Docker), CI/CD, Agile, Git, Automation |
| **Soft Skills & Leadership** | Problem Solving, Product Ownership, Strategic Planning, Ownership & Accountability, Continuous Learning, Cross-Functional Collaboration |

## Professional Experience

**Anchor Technologies, Inc.** - Full-Stack Software Developer *(Jan 2021 - Oct 2025 | Remote)*

- **Led** the design and full-stack development of **data-driven web applications**, supporting the successful launch of a **client-facing cybersecurity risk assessment platform**.
- **Optimized** data parsing and **PostgreSQL** indexing strategies, **reducing individual data query payload size by 40%** to significantly enhance retrieval efficiency.
- **Streamlined** feature delivery processes and system efficiency (e.g., refining **GraphQL and REST APIs**), **improving delivery speed by 25%**.
- **Architected** and **developed** secure multi-application services in **Python** and **Node.js** that integrated external APIs and enabled reliable data exchange.
- **Enhanced** system performance and maintainability through large-scale **code refactoring** and implementing **modular React architecture** for **component reusability**.
- **Collaborated** with stakeholders (**Product managers, cybersecurity advisors, and engineers**) in an **Agile environment** to translate complex business needs into clear **technical requirements**.

**Zappa Group** - Operations Manager / Project Manager *(2011 - 2018 | Tel Aviv, Israel and Remote)*

- **Established** and scaled the operational infrastructure, managing the creation of a **large-scale online ticketing and box-office platform** that became a leading system in the Israeli music industry.
- **Drove** efficiency by implementing **cloud technologies** and **automation** in key operational workflows, enhancing productivity for **100+ operational personnel**.
- **Managed** and executed a portfolio of **30+ annual projects** (**$100K–$1M budgets**), directly resulting in a **30% year-over-year increase** in new events and partnerships.
- **Coordinated teams**, including a **15-member operations group**, to deliver large-scale **events**.

## Projects

**Freelance Software Engineer** *(2024 - present | Remote / Various Clients)*

- **Executing** short-term, part-time **full-stack engineering projects** for diverse clients, applying modern principles in both **backend and frontend** development.
- **Designed** and **implemented** optimized database schemas in **Ruby on Rails**, enhancing system **performance, scalability, and maintainability**.
- **Engineered** a **Node.js and TypeScript service** that consumes third-party APIs, provides authenticated endpoints, and **automates client report delivery** via email.
- **Contributed** to a **React application utilizing Tailwind CSS**, focusing on responsive design, **UI consistency**, and **cross-browser compatibility**.

**All Caps Converter Chrome Extension** (Personal Project) *(github.com/cohenoa33/all-cap-ext)*

- **Developed** and launched a lightweight Chrome Extension (Manifest v3) using **HTML, CSS, and vanilla JavaScript** to convert text between uppercase, lowercase, and sentence case.
- **Implemented** core functions (Convert, Copy, Clear) for enhanced **usability** and **offline privacy**.

## Education

**Flatiron School** | Certificate in Full-Stack Software Engineering (Ruby on Rails & JavaScript) | Seattle, WA

**College of Management** | Bachelor of Arts in Media Studies & Management | Israel