

# BAR COHEN - FULLSTACK SOFTWARE ENGINEER

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## SUMMARY

Full-stack developer with strong expertise in React, TypeScript, Node.js, and the MERN stack. Skilled in building scalable, user-focused web applications with clean architecture and modern tools such as Next.js, NestJS, Tailwind, and Shadcn. Experienced in designing secure APIs, integrating databases (both MongoDB and SQL), and delivering high-quality, maintainable solutions. Experienced in AI-assisted development workflows, including refactoring, stabilizing, and scaling AI-generated code, with a strong focus on innovation and continuous learning.

## EXPERIENCE & PROJECTS

### **2024 - 2025: Full-Stack Developer, Workonit.ai.**

Helped build 3 projects by refactoring code, improving UI, and integrating AI-driven features and Unity-based game customization.

- Developed and integrated AI-powered features for an advanced job platform, including job description generation, smart tagging, chatbot-based job search, and AI-assisted CV optimization.
- Refactored AI-generated and legacy code, improving system architecture, security, scalability, and long-term maintainability.
- Integrated customizable Unity-based games into the platform, enhancing product engagement.

### **2023 - 2024: TechTreasure Project.**

Fully developed the project to a full working product.

- Developed platform from concept to production.
- Integrated Stripe payments and multilingual support.

### **2024-Ongoing: HealEase.**

An AI-powered full-stack platform designed to empower and facilitate the rehabilitation of severely injured patients.

- Independently managed and developed a full-stack AI-powered rehabilitation platform up to a functional POC.

## EDUCATION

### **2022 – 2024: Student for Software Engineering, Ariel University**

Focus on full-stack engineering, algorithms, and data structures.

- TechTreasure, a Full-stack project using React, NodeJS and MongoDB, and payment by Stripe.

### **2021 – 2022: Student for Software Technician, ORT Singalowski Collage**

Low-level programming (C, Java) and full-stack fundamentals.