

# Hodaya Karo

## Full-Stack Software Developer

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### Professional Summary

Full-Stack Developer with hands-on experience in building end-to-end web and mobile applications. Skilled in React, Node.js, Next.js, TypeScript, Python, Java, and C++. Fast learner, strong team player, and proactive problem-solver with excellent communication skills.

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### Professional Experience

#### Software Developer | Pery (2024 – Present)

- Full-stack development of web and mobile applications, contributing to the design, implementation, and optimization of scalable features.
- Hands-on experience with **React, React Native, Node.js, Next.js**, working in cross-functional teams to deliver end-to-end solutions.
- Worked with **PostgreSQL** for database management and maintenance, including schema design, writing complex queries, and performing **migrations**, while using **DBeaver** for visual management.
- Collaborated on building user-centric interfaces with a focus on performance and responsive design
- Applied best practices in **code reviews, version control (Git), and Agile methodologies**, ensuring high-quality and maintainable software.
- Actively involved in integrating APIs, cloud-based services (**AWS**), third-party libraries to extend functionality and validate **CI/CD**.
- Implemented HIPAA-compliant two-way SMS system with GraphQL, state machines, and webhooks, supporting structured, free-text, and non-interactive flows, integrated with external SMS providers.

#### Mobile App Developer (Collaboration Project) | BaTTeRi (2025)

- Developed mobile app with **React Native, Firebase**, and **Expo** to support Charging as a Service for EVs.
- Delivered features such as Google Sign-In, multilingual support, real-time monitoring, and intuitive UX.
- Worked closely with the startup team to gather requirements, implement iterative improvements, and ensure alignment with user needs and business goals.
- The mobile app significantly improved accessibility, flexibility, and usability of BaTTeRi's service.

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### Technical Projects

#### EV Charging Stations | [View here](#)

- Developed a full-stack web application in **TypeScript**, using React and **Node.js** to enable users to find and rent EV charging stations while allowing owners to earn money by offering charging sessions.
- Built responsive React UI with state management, API communication, and JWT authentication (Google, refresh tokens).
- Designed and structured **MongoDB** collections with well-defined relationships.
- Designed a scalable **RESTful API** with **Swagger** for easy maintenance and developer use.
- Developed and executed unit tests for all server-side API endpoints using Jest, ensuring reliability, robustness, and maintaining high test coverage.
- Implemented algorithm integrated with **AI**-based APIs to retrieve vehicle data, estimate charging time, and provide dynamic route planning with distance and travel time to charging stations.

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### Education

B.Sc. Computer Science – The College of Management, Rishon Lezion, IL  
GPA: 88

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### Skills

- Languages: JavaScript, TypeScript, Python, Java, C++, SQL, HTML/CSS
- Frameworks: React, React Native, Node.js, Express.js, Next.js, Tailwind CSS
- Tools: Git, Docker, Linux, MongoDB, PostgreSQL, REST APIs, Firebase
- Concepts: Agile, CI/CD (observed & supported), Cloud (AWS)

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### Military service - Israeli Navy – Marine Control Unit | 2019–2021

- Managed real-time operational activities and supervised vessel movement.
- Promoted to Shift Manager role.

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### Languages

- Hebrew (Native)
- English (fluent)