ROY GOLDHAR

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SUMMARY

Software Developer with full-stack experience, specializing in backend development. Skilled in creating APIs, managing databases, and building scalable applications. Solid foundations of programming languages and database management. Motivated to keep learning and contribute to building impactful software.

EDUCATION

Infinity Labs Software Development Training Program   **2024-2025**
- Completed the Infinity Labs Software Development Training Program, acquiring broad knowledge in programming principals and full-stack development.
- Gained practical experience in development, API design, design patterns, OOP and teamwork through project-based learning.

B.Sc. in Computer Science , The Academic College Tel Aviv-Yaffo   **2021- 2024**
- **Relevant Courses:** Data Structures, Algorithms, Networking, Design Patterns, Operating Systems, Unity Gaming Development.

PROJECTS

Gold Bank- A demo bank web application: view website
- Developed a full-stack banking application featuring users and transactions management .
- Designed secure RESTful APIs for authentication and financial operations.
- Implemented real-time functionality to provide immediate updates on account changes.
- Used Docker containers to provide consistent development and deployment environments.
- **Technologies:** Node.js, Express, TypeScript (backend); React, TypeScript (frontend); MongoDB, Redis (database)
- **Tools & Deployment:** Socket.io (real-time), Google OAuth, JWT (authentication), Docker, Docker Compose (DevOps), Firebase (frontend), Render (backend)

NewBlock Origin – Open source collaboration
- Improved features for the open source project uBlock Origin browser extension.
- Gained practical experience working with a real-world codebase and version control.
- Adapted to unfamiliar technologies through self-learning and thorough investigation.
- **Technologies:** HTML, CSS, JavaScript (uBlock Origin), IndexedDB (database), Manifest V2 (Google Extensions framework).

EXPERIENCE

Maintained and ensured functionality of Observation Systems – IDF   **2017-2020**
- Resolved complex technical issues in IDF Observation Systems.
- Addressed faults promptly to ensure continuous system operation.
- Managed equipment maintenance in sensitive operational environments.
- Provided 24/7 availability to support mission-critical systems.

SKILLS

- **Programming Languages:** JavaScript, Typescript, Python, Java, C#, C++, C.
- **Frameworks & Technologies:** Node.js, React(vite), .Net, FastAPI, Unity.
- **Databases:** MongoDB, PostgresSQL, MySQL, Redis, IndexedDB.
- **Tools:** Git, GitHub, Docker, Render, Firebase, Postman, Swagger, Chrome DevTools.
- **Soft Skills:** Problem-solving, Adaptability, Fast learner, Attention to details.
- **Languages:** Hebrew(Native), English (Professionally fluent), French(Intermediate).