Eyal Cohen

Software Engineer | Python & Embedded Systems

Contact

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About me

B.Sc in Software Engineering. Back-end developer experienced in Python and C. Passionate about building efficient systems and integrating AI, embedded, and acoustic technologies. Known for responsibility, precision, and the ability to thrive under pressure.

Skills

- **Languages:** Python, Bash, Java, JavaScript, HTML, CSS, SQL
- **Environments:** Linux
- **Frameworks:** Flask, React
- **Technologies:** REST API, AWS services
- **Databases:** MySQL, MongoDB
- **Tools:** Git, Docker, Embedded microcontrollers

Languages

Hebrew – Native
English – Fluent

Experience

May 2023 – Present
Developer, Underwater Acoustic & Navigation Lab - Univ. of Haifa

- Developed APIs with Python & Flask for real-time systems.
- Integrated lab systems into existing oceanographic products.
- Architected underwater acoustic systems with microcontrollers.
- Created technical guides for lab developers.
- Worked with AI models for image & acoustic analysis.

Education

2021 – 2025
B.Sc. Software Engineering – Ort Braude, Karmiel

- Focused on systems programming, databases, and web development.

Military Service

2015 – 2018
IDF Navy | Radar Technician Course Commander

- Led teams through advanced technical radar training programs.
- Received commendations for leadership and excellence.