

# Mohamed Hanif

Software Engineering Student at Shenkar – Engineering, Design, Art

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Fourth-year Software Engineering student specializing in Cloud Development and Data, with two semesters remaining until graduation. Former Technical Support Team Leader at Yes TV, currently working as an NOC Engineer at Elad Systems. Passionate about technology, data-driven solutions, and continuous learning, with a strong interest in pursuing a career as an AI Engineer or Software Developer

## Work Experience

### Elad Systems – NOC Engineer (2025–Present)

Providing support and monitoring for the **Chameleon system** used by 80% of Israeli hospitals. Perform real-time troubleshooting, SQL data analysis, and log diagnostics. Collaborate with development teams to ensure system reliability and performance.

### Yes Company – Team Leader, Technical Support (2020–2022)

Started as a Technical Support Representative, resolving customer issues efficiently. Promoted to **Team Leader**, managing 15–20 employees, overseeing performance, and maintaining high service quality.

### Programming Mentor – Academic Excellence Program (2023–2024)

Selected as a mentor for first-year students after earning top grades (90 in C, 85 in C++). Guided students through programming fundamentals, fostering strong coding and problem-solving skills.

## PROJECTS

### FlyEase

- **Smart Flight Booking & Management System** enhancing airport experiences.
- Features: **Real-time flight updates, interactive navigation (Dijkstra's algorithm), queue time predictions, baggage tracking, and service booking.**
- Built with **React.js (Fabric.js, Axios.js), FastAPI, and PostgreSQL.**
- **Secure authentication (JWT, bcrypt) and real-time updates via WebSockets.**
- **Deployed on:** Netlify (Frontend), Railway.app (Backend), Heroku (Database).
- **Live Demo:** [FlyEase on Netlify](#)

\*\* More projects can be found on my GitHub and linkedin

## Education

### Shenkar – Engineering, Design, Art

Bachelor of Science (B.Sc.) in Software Engineering (2022–2026, expected graduation)

## Skills

### Programming & Scripting

#### Languages:

Python, C, C++, Assembly, JavaScript, Bash, PowerShell

#### Databases:

MySQL, MongoDB, PostgreSQL

#### Frameworks & Libraries:

Node.js, Express, React, FastAPI

#### Cloud & Operating Systems:

AWS course, Ubuntu, Unix

#### Machine Learning & Data Science:

Supervised & Unsupervised Learning, Neural Networks, Pandas, NumPy, Scikit-learn

#### Web Development:

Front-End: HTML, CSS, JavaScript, React  
Back-End: Node.js, FastAPI

#### Software Design & Architecture:

UML & ERD Diagrams, Design Patterns, SRS & SDD Documentation

#### UI/UX Design:

Figma, Mockups

#### Version Control & Collaboration:

Git, GitHub