Mohamed Hanif

Software Engineering Student

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GitHub · LinkedIn

As a third-year Software Engineering student with four semesters remaining until graduation, I am seeking an opportunity to gain experience in a relevant field. I have a strong passion for self-learning and possess leadership experience as a team leader. Additionally, I have achieved a GPA of 91 in software engineering-related courses, reflecting my academic dedication and proficiency in the field.

WORK EXPERIENCE

Yes Tv – Team Leader – Technical Customer Support (2020–2022)

- Provided technical support to customers, troubleshooting and resolving issues.
- Promoted to Team Leader after one year due to strong performance and dedication.
- Managed a team of 15–20 workers, overseeing their performance and support quality.

Programming Mentor – 2023–2024

- Selected as a **mentor** based on academic excellence (Python – 95, C – 90, C++ – 85).
- Assisted **first-year students** in understanding programming concepts.
- Guided students through **challenging topics** and strengthened their coding skills.

Elad Systems – NOC Engineer *(2025 - Present)*

- Providing support and monitoring for the Chameleon system, used by 80% of hospitals in Israel.
- Performing real-time troubleshooting and proactive monitoring of critical systems.
- Utilizing SQL queries to retrieve and analyze system data.
- Identifying errors, analyzing logs, and diagnosing technical issues.
- Collaborating with development and support teams to enhance system performance.

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

Lost and Found Web App

- **Web application** for reporting and recovering lost items.
- Users can **submit lost and found item reports**, managed by a **designated policeman** for efficient recovery.
- Built with **HTML, CSS, JavaScript (Frontend), Node.js, Express.js (Backend), and SQL (Database)**.
- Ensures **secure data management** and **seamless user interaction**.
- **Deployed on:** Cyberduck (Frontend), Render (Backend).
- 🔗 **Live Demo:** Lost and Found Web App

** More projects can be found on my GitHub

SKILLS

Programming & Scripting Languages:
Python,C,C++,Assembly, JavaScript,Bash,PowerShell

Markup & Styling Languages:
HTML, CSS

Databases:
MySQL, MongoDB, PostgreSQL

Frameworks & Libraries:
Node.js, Express, React, FastAPI

Cloud & Operating Systems:
AWS(In Progress), Ubuntu, Unix

Machine Learning & Data Science:
Supervised & Unsupervised Learning, NeuralNetworks, Pandas,NumPy, Scikit-learn

Web Development:

Front-End: HTML, CSS, JavaScript,React

Back-End: Node.js,FastApi

Software Design Architecture:
Diagrams (UML, ERD), Design Patterns,SRS & SDD docs

UI/UX Design:
Figma, Mockups

Version Control & Collaboration:
Git, GitHub

EDUCATION

Bachelor of Science (B.Sc.) in Software Engineering – Specialization in Full-Stack Development & Data Science Shenkar College of Engineering, Design, and Art Oct 2022 – Jul 2026(expected Graduation)