# Hani Zahran

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➢ **Software Engineer (B.Sc) with Experience in Server-Side and Client-Side Development in timelines and goals**

➢ **Design and develop E2E Web applications, managing interfaces with DB while ensuring a high-quality UI**

➢ **Write clean and efficient code, develop and deliver technological solutions tailored to needs and requirements**

➢ **Fluent English, analytical thinker, strong problem-solving skills, self & quick learner, and great personal skills**

## Tools and Technologies:

☑ **Languages**: C, Java, Python, MySQL, Assembly, React

☑ **Tools**: Eclipse, Visual Studio, DOSBox, Visual Paradigm, Cisco Packet Tracer

☑ **Additional Technologies and Work Environments**: Git, Docker, bash, Linux

## Education:

2020-2024: **B.Sc in Software Engineering, Braude Academic College of Engineering**

- <u>Among Courses</u>: OOP, Data Structures, Databases, Cloud Technologies
- Develop Web systems from specification to product launch, including server-side and client-side development
- Manage bugs, troubleshoot, and resolve issues through all development stages, ensure seamless operations
- Receive requirements, plan, develop, and deliver customized solutions within timelines and goals

**Key Projects:**

- Develop a GPS-based restaurant & event display system, integrate external API for data retrieval
- Develop an online flower shop (Java) with login, user interfaces, delivery management & payment processing
- Main technologies: Java, JavaFX, MySQL Workbench, JDBC (OCSF Framework) | Project Link: GitHub

**Final Project:**

- Lead development project of an ML-based system for lung X-ray analysis & pneumonia detection
- Develop classification models, implement adjustable analysis, and design a user-friendly interface
- Lead a team- manage tasks, conduct code reviews, and ensure project deadlines and goals
- Use core technologies: Python, OpenCV, YOLOv5, Matplotlib | Project Link: GitHub

## Additional Projects:

- **Develop a school Web site**, characterize needs, select technologies, execute development and ensure product launch
- **Implement** Frontend & Backend methodologies & database integration, ensure seamless performance & high-quality UI
- **Initiate, plan, and develop** a Full-stack application for optimizing and streamlining payment processes at a cash register
- **Main Technologies**: React, JavaScript, HTML, TailwindCSS

## Professional Experience:

2021- Present: **Customer Service, Zahran Market**, *Student position*

- **Provide high-quality service** to ensure customer retention and satisfaction
- **Support clients in product selection**, address issues, and provide guidance aligned with client needs

**Volunteering Activities:** Perach Project, 2021-2024

**Languages**: Arabic, Native | Hebrew, Fluent | English, Fluent