Khaled Dabbah

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SUMMARY:

Third-year Computer Science student at Bar-Ilan University with hands-on experience in full stack development, systems programming, and OOP. I also tutor students in Java/OOP, which strengthened my understanding of clean code and design principles. Motivated to contribute as a QA/Software student and grow through real industry experience.

EDUCATION:

BSC Computer Science, Bar-Ilan University (2023 – 2027):

- Relevant Courses: Data Structures & Algorithms, Object-Oriented Programming, Data Base Management Systems, Intro To CS, Computational Models - Mathematics: Completed every math course in my degree.

IBM DevOps and Software Engineering Professional Certificate (Coursera, 2025 – In Progress) :

- Progress: 13/15 courses completed | Expected completion: Dec 2025
- Key Skills: Docker, Kubernetes, CI/CD, Git, Linux, Cloud Deployment (IBM Cloud, AWS), Agile, TDD/BDD

SelfLearning Websites (2022 - present):   - Leetcode | Roadmap | Udemy | Coursera

PROJECTS:

GoMail Platform (Full Stack, Mobile – Node.js, React Native, MongoDB, 2025)

- Developed GoMail, a full-featured email platform for web and mobile using Node.js, Express, React Native, and MongoDB.
- Features: Real-time messaging, user authentication, push notifications, and a modern UI.
- Challenges: Built RESTful APIs, managed secure user sessions, and deployed for both mobile and desktop.
- Technologies: Node.js, Express, MongoDB, React Native, REST API, Mobile Development.

Arkanoid Game (Java, 2024)

- Developed a fully functional Arkanoid game using OOP principles and design patterns.
- Features: Dynamic collision detection, animated sprites, interactive paddle/ball system.
- Challenges: Optimized performance for smooth gameplay and efficient collision detection.
- Technologies: Java, OOP, Design Patterns.

Phone Book Manager (C, 2023)

- Developed a phone book management system utilizing pointers, dynamic memory allocation, and linked lists.
- Features: Create, delete, update, and search contacts by name/phone; optimized storage with alphabetized lists.
- Challenges: Managed dynamic memory for variable-length strings and ensured robust error handling.
- Technologies: C, Dynamic Memory Management, Linked Lists.

SKILLS:

Technical Tools: VsCode, GitHub, Docker, MySQL, Jira, MongoDB

Programming Languages: C, Python, Java, SQL, C++, JavaScript, HTML, Assembly, css, Node.js,react.

Soft Skills: Active listener, team collaborator, attention to detail, self-learner.

OTHER: **Languages**: Fluent in English, Hebrew, and Arabic.