

# Mohamad Bassam Ahmad Joma

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## SUMMARY

Full Stack Developer and Computer Systems Engineer with experience in Python, front-end and back-end development, and modern web technologies. Skilled in designing, developing, testing, and maintaining scalable applications, with a strong foundation in system analysis, performance optimization, debugging, and delivering reliable, user-friendly software solutions.

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, HTML, CSS, SQL  
**Frameworks & Libraries:** Django, Flask, **Databases:** MySQL  
**Version Control & Collaboration:** Git, GitHub, Trello  
**Development Tools:** VS Code, Postman.

## TECHNICAL PROJECTS

### Clinic-Project | Front-End Developer (Graduation project)

- **Developed** responsive user interfaces **using HTML, CSS, and JavaScript** to ensure a seamless patient booking experience across devices.
- **Implemented** dynamic form validation **with React.js** to improve data accuracy and reduce input errors.
- **Optimized** page load performance **by applying lazy loading and code splitting** to enhance user experience.
- **Deployed** the application **via GitHub Pages** to make it publicly accessible for testing and feedback.

### Ticketing Management System | Full Stack Developer (*Developed solo*) [The Project](#)

- Designed and implemented a complete ticket management system using Python (Django) for the backend and React.js for the frontend.
- Built RESTful APIs to handle ticket creation, updates, assignment, and status tracking.
- Integrated user authentication and role-based access control to secure sensitive data and system operations.
- Implemented a responsive and intuitive UI for managing tickets, with real-time updates and filtering features.
- Tested, debugged, and deployed the system independently, demonstrating full-stack development capabilities from conception to production.

### Inventory-Management-System| Full Stack Developer (*Developed with a team*) [The Project](#)

- Built a full-stack inventory management system using **Django, HTML, CSS, and JavaScript**.
- Implemented user authentication, product CRUD operations, stock tracking, and admin dashboard.
- Integrated a **Wordle-style game** to improve user engagement and add a fun interactive feature.
- Deployed and hosted the application on **AWS EC2**, configuring the production server environment.

## EDUCATION

### Axos Academy | Full-Stack Developer | Rammallah, Palestine

25/6/ 2025 — 27/11/2025

- A part-time immersive training program in web fundamentals, Python, algorithms, and data structures. The Bootcamp includes 20 weeks of programming as the following: +620 coding hours in total, 50 hours pre-boot camp, 120 hrs web fundamentals, 240 hrs Python, 60 hours of algorithms and data structures, 60 hours of 2 complete projects (Solo & Group). All stacks include group activities and leet-code and HackerRank.

### Palestine Technical University – Kadoorie (PTUK) | Bachelor of Science in Computer Engineering | Tulkerm, Palestine 2018-2024

- **Relevant Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Database Systems, Computer Networks, Operating Systems, Software Engineering, Web Development, Embedded Systems, Digital Logic Design, Computer Architecture, Artificial Intelligence, Cybersecurity

## **TRAINING:**

**Snipe Company | Software Development Intern | Ramallah, Palestine** — 4-Month College Training

Completed a 4-month internship as part of the college graduation requirements.

- Contributed to the **development of programming tools and automated machines** designed to support **agricultural and environmental applications**, improving productivity for plants and trees.
- Participated in software-hardware integration projects, ensuring efficiency and reliability in real-world agricultural systems.
- Gained hands-on experience in collaborative software development and testing.