

Ahed Abu Shahen

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Professional Summary

Software Engineer with strong CS fundamentals and hands-on experience in C/C++ and system-oriented development. Passionate about building scalable, high-performance software and quickly adapting to complex technical environments.

Education

Tel-Hai University of Kiryat Shmona, BSc in Computer Science

Mar 2022 - Nov 2025

- GPA: 90.19
- Algorithms - Grade: **98**, Operating Systems – Grade: **87**

Experience

BMC Software, Software Engineer

2024 - 2026

- Developed a **proprietary LLM Judge system**, integrating **Large Language Models (LLMs)** to enhance **AI-driven product evaluation, accuracy, and reliability**.
- Developed backend and automation components for the **JETT AI platform** using **Python, C, TypeScript, Angular, Robot Framework, and Groovy**.
- Hands-on experience supporting and improving **CI/CD pipelines (Jenkins)**, including automation, testing, and deployments to production **cloud** environments.
- Strong understanding of **operating systems** concepts (processes, memory **management**, synchronization, and I/O) with hands-on experience validating system-level behavior in **Linux** environments.
- Designed and developed **RESTful APIs** using **FastAPI** for AI-driven platform components, enabling scalable and high-performance backend services.
- Containerized backend services using **Docker** to ensure consistent development and production environments.

Courses

IBM , Introduction to DevOps

Dec 2025 - Jan 2026

Nvidia, AI Infrastructure and Operations Fundamentals

Jan 2026 - Feb 2026

Skills

Programming Languages: Python, TypeScript, JavaScript, C, C++, Java

Frameworks and Libraries: Node.js, React, FastAPI, GitHub Actions

Testing & Automation: E2E Testing, Integration Testing, WIT Tests, Spec-based Testing, Robot Framework

AI and Tools: LLMs, AI Model Evaluation, API Development, CI/CD Pipelines, GPU-based AI Infrastructure, Server Configuration

Version Control: Git, SmartGit, GitHub

Soft Skills: Strong problem-solving, collaboration, technical curiosity, mentoring mindset

Databases & Tools: PostgreSQL, Prisma, Git, GitHub, Jenkins

Projects

- **AI ATS Resume Analyzer** — AI resume-job matching web app using Python, Streamlit, and Gemini API.
- **AI Code Reviewer** — Full-stack AI code analysis tool built with Angular and FastAPI with **CI/CD** in Action.
- **Shopping Cart Web App** — TypeScript e-commerce cart with dynamic item and pricing logic.