

AMIEL SAAD

SOFTWARE ENGINEER

PORTFOLIO

GITHUB • LINKEDIN

TECH STACK

Java	Python
JavaScript	C++
C#	GScript

React	Node.js
PostgreSQL	PySide6
AWS	Django
Docker	GitHub

CONTACT

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054-755-2120

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MILITARY SERVICE

Sergeant at 414 Regiment, Isuf Kravi.
Squad commander in various military
operation at Gaza border.

COMMUNITY VOLUNTEERING

Volunteer at Dor L'Dor organization.
Helping elders with daily tasks and
meetings on a weekly basis.

LANGUAGES

Hebrew (Native)
English (Fluent)

EDUCATION

UNIVERSITY OF BEN-GURION SOFTWARE ENGINEERING

2020 – 2024

Relevant Courses: Operating Systems, Design Patterns, Distributed Systems, System Programming, Data Structures, Machine Learning

WORK EXPERIENCE

FULLSTACK DEVELOPER BLAVATNIC CENTER TA

2025 – NOW

PYTHON • PYSIDE6 • POSTGRESQL • REDIS • DOCKER • AWS

- **Bioinformatics Pipeline Development:** Designed and developing an automated bioinformatics pipeline for processing genomic data with interactive data visualization.
- **System Architecture & Planning:** Architected a desktop application infrastructure using Python with PySide6, designing database schemas and deployment strategies with Docker.
- **Team Leadership & Coordination:** Leading a team of 4 developers, designing modular architecture to enable parallel development while maintaining code quality.

JAVA SOFTWARE DEVELOPER BEN-GURION UNIVERSITY

2023 – 2025

JAVA • MAVEN • ANTLR • GITHUB

- **Feature Development:** Expanded the capabilities of the open-source 'USE' modeling tool by implementing new features.
- **Collaborative Research:** Partnered with professors in Israel and Germany to plan, develop, and test a research-driven extension.
- **Robust Software Design:** Leveraged object-oriented methodologies and industry best practices.

PROJECTS

WHATSAPP BUSINESS DASHBOARD SELF-EMPLOYED

SPRING BOOT • REACT • RABBITMQ • CI/CD • DOCKER • AWS

- Built a messaging platform with microservices architecture featuring real-time WhatsApp API integration, RabbitMQ for async processing and WebSocket for live updates.
- Deployed using Docker containers with CI/CD pipeline on AWS.

MUSIC TEACHING PLATFORM FREELANCE

REACT • NODE.JS • POSTGRESQL • DOCKER • AWS EC2 & S3

- Built a music teaching platform featuring an intuitive UI with role-based access control and course material management.
- Implemented a cloud-based infrastructure using Docker and AWS with elderly-friendly design.