

Shaina Slavin

Computer Science Student | Full-Stack & Front-End Developer
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SUMMARY

Creative and impact-driven developer with hands-on experience in React, JavaScript, Swift, and Python. Passionate about building accessible, user-centric web and mobile applications. Strong foundation in algorithms, data structures, and modern software development. Experienced in leading diverse teams, contributing to open-source, and leveraging technology for social good.

EDUCATION

B.Sc. in Computer Science 2024–Present
The Open University of Israel

- Advanced coursework: Data Structures, Algorithms, Web and Mobile App Development
- Foundation in advanced mathematics and physics

Mechina (Preparatory Program) 2021–2023
The Hebrew University

- Intensive preparation for Computer Science degree
- Completed advanced mathematics and physics courses
- Developed strong foundation in programming fundamentals

TECHNICAL SKILLS

Languages	Frameworks/Tools	Concepts
JavaScript, Python, Java, Swift, HTML5, CSS3, C++ (learning), Go (learning)	React, Node.js, Express, REST APIs, Git, GitHub, Xcode, VS Code, Salesforce, Figma	Algorithms, Data Structures, OOP, UI/UX, Debugging & Testing, Cybersecurity Fundamentals

EXPERIENCE

Program Coordinator, Support for Israel War Effort Oct 2023–Present
Israel

- Coordinated academic and social support programs for over 200 displaced children and children of reserve duty soldiers during the Israel–Hamas war.
- Organized tutoring, enrichment activities, and emotional support to help children rebuild their lives and maintain educational progress.
- Provided direct assistance to families, fostering resilience and community rebuilding in a time of crisis.

Ambassador, Gift of Life Marrow Registry 2023–Present
Israel

- Recruited over 2,000 bone marrow swabs, focusing on minority groups; directly contributed to six matches for patients in need.
- Led public awareness campaigns and facilitated donor drives at community events.

Curriculum Developer, Jean Schottenstein Oryah Institute 2021–2022
Jerusalem, Israel

- Collaborated with principals, teachers, and professionals to design and implement a modern, student-

centered curriculum.

- Integrated technology and emotional support strategies to enhance student outcomes.

SOFTWARE PROJECTS

Smart Context Companion

Principal Architect & Lead Engineer

Cross-Platform AI Productivity Suite

Smart Context Companion is a next-generation, cross-platform productivity solution engineered to empower users with seamless, privacy-centric access to Google's suite of services across both iOS and Android ecosystems.

- **Holistic Google Service Orchestration:** Unified interface for Google Drive, Calendar, Gmail, Maps, Translate, and Tasks.
- **Privacy-First Architecture:** On-device data processing by default, with opt-in cloud AI augmentation.
- **Modular Extensibility:** "Action Packs" system for rapid deployment of new features.
- **Universal Accessibility:** Full support for accessibility and internationalization.
- **Technical Stack:** Flutter, KMM, Swift/SwiftUI, Kotlin/Jetpack Compose, OAuth 2.0, Core ML, TensorFlow Lite, ML Kit, Google APIs, CI/CD, GitHub Actions, Bitrise.

Anti-Hallucination AI System

Designed and implemented a robust AI platform to minimize hallucinations in language model outputs.

- Developed and fine-tuned advanced language models with RAG and RLHF.
- Built cross-platform clients using Xcode (iOS/macOS) and Cursor for AI-powered development.
- Implemented real-time fact-checking and citation systems.
- Created explainable AI modules with confidence scoring.

FinePrint

Privacy management web and mobile app

- Developed a React and SwiftUI application enabling users to manage digital privacy settings and family accounts.
- Implemented secure data handling, child controls, and robust account management.
- Prioritized accessibility and intuitive user experience.

OurBigKitchen App

Community volunteer and food rescue platform

- Developed a full-stack web and iOS application to connect volunteers with meaningful community service opportunities.
- Supports food rescue by matching surplus food with those in need, reducing waste and providing dignity to recipients.

VOLUNTEERING & LEADERSHIP

Our Big Kitchen (OBK), Sydney, Australia

2020–2021

Volunteer Administration & Leadership

- Connected community members with meaningful volunteer opportunities, fostering belonging and social responsibility.
- Coordinated and led diverse volunteer groups—including corporate, interfaith, and youth teams—in impactful service activities.
- Implemented Salesforce to streamline operations, manage bookings, and track engagement.

Step Up Ethiopia

2020

Volunteer

- Recruited volunteers and partnered with the UN to provide education and therapy for South Sudanese refugees.
- Delivered informal education and trauma support to empower children and reduce dependency on aid.

Camp YEKA (Ukraine)

2019

Fundraiser & Counselor

- Organized and facilitated therapeutic programs for Ukrainian Jewish orphans, providing a safe and nurturing environment.
- Led fundraising efforts to ensure adequate resources for children's needs.

AWARDS & ADDITIONAL

- **VATAT Scholarship** for preparatory studies, The Hebrew University (2021)
- **Second Place**, International Essay Competition (2020)
- **Community Service Award**, Jewish Life and Education, Sydney (2016)
- **Languages:** English, Hebrew (fluent); Yiddish (conversational)
- **Portfolio:** s-slavin.github.io
- References available upon request