# Tamar Kraus – Software Engineer

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Graduated with honors studies in computer science at the Lev Institute School for out Studies (Final grade: more than 85). Likes development and challenges, adept at analysis, research, and self-fast-learner. Strong interpersonal skills for effective teamwork, great communicated, detail-oriented, and composed under pressure.

## PROFFESIONAL EXPERIENCE --------------------------------------------------------------------------------------------

### 2024 – Now | Oracle cloud engineer | PWC Israel
Oracle Engineer at PwC, Responsibilities include developing reports (BI & OTBI), integrations, and forms. This role involves writing complex queries and procedures in SQL, identifying bugs, and debugging code. Utilizes Jira for bug tracking during development and analyzing workflow processes, along with managing documentation in SharePoint. Involved in onboarding new employees, including familiarization with databases and the tools required to perform tasks.
The position requires strong interpersonal communication, flexibility, creativity, and the ability to perform effectively under pressure, as well as advanced English proficiency.

### 2023 – 2024 | full stack developer | Soly startup
Developing frontend and AI solutions for a startup company. Collaborating with the team to design and implement scalable and secure backend systems. Building and maintaining APIs using Python and FastAPI.
Developing React-native full application for comfortable user using. Collaborating with cross-functional teams to deliver end-to-end solutions. Staying up-to-date with industry trends and advancements in backend development and AI technologies.
Experience in Agile working methodology and fast-growing environment.

### 2023 | IS reviewing submissions | Lev academic center
Review of submissions in the information security course at the Lev academic center.

## PROJECTS ---------------------------------------------------------------------------------------------------------------

### 2023 | Windows System Project in C# | Project in .NET Core | final grade: 100.
Developed software for a convenience store management system, handling inventory, consumer information, and more. Project structure: 3-tier architecture.
Using: Design patterns, OOP, Threads, XML, WPF, Reflection, Events, Dependency Property, Singleton, Factory, Query Expression, Linq, C# entity framework and more.

### 2022 | Full-stack: React, node.js, MySQL | Final grade: 94.
Developed a website for managing public sites, with concurrent user access for managers, team members, and customers. Implemented various features for each user, database management using sql queries and extensive functionality. Integrated with Google and PayPal APIs.

### 2022 | React: Created an application for real-time data using a REST API.
### 2022 | React: Created a multiplayer game application.
Technologies used: Hooks, React Lifecycle, JS Async-Await, JS Fetch, Rest API, strong experience in sql queries.

## SKILLS --------------------------------------------------------------------------------------------------------------------

- Programming Languages: C++, C#, Python, Java, Python.
- Web Development: Node.js, React, HTML5, CSS, JavaScript, TypeScript.
- Database Systems: SQL Server, MySQL.
- Operating Systems: Windows, Linux (Ubuntu).
- Development Tools: Visual Studio, VS Code, PyCharm, IntelliJ, Git, Virtual Machine.
- Version Control: Github.

### 2023- 2024 | Udemy - self learning courses

- AWS certified developer course for DVA-C01 AWS certification.
- Python for AI and Machine Learning course.

### 2021-2023 | Computer Science studies at the Lev Institute School for out Studies

The program included the following courses:
Mathematics: Infy, Discrete and Linear Algebra. Algorithmics, Electronic Physics and Digital Systems (logical gates), Introduction to Hardware - MIPS Processor, Data Structures A and B, Object-Oriented Analysis and Design for Engineering, Operating Systems, Digital Systems, Logic and Information Security, Programming Languages (with a focus on C++, Java and object-oriented programming (OOP and software design principles in Java)), and Full-Stack (deep understanding of web services (e.g. REST services) and good understanding of network concepts (e.g. HTTP protocol, sockets etc.).

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Hebrew: Native | English: Fluent.