





# Rony Bubnovsky

Junior Full Stack Developer | Software Engineer

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## Professional Summary

**Junior Full Stack Developer** with expertise in **JavaScript, React, Node.js, Express.js, and MongoDB**, specializing in scalable and secure web applications. Skilled in **REST APIs, authentication, and cloud deployment**, with hands-on experience in **CI/CD pipelines (GitHub Actions, CircleCI)** and **containerization (Docker)**. Strong **problem-solving skills** and **Agile development** experience, excelling in collaborating with **cross-functional teams** to deliver **high-performance solutions**. Currently pursuing a B.Sc. in Software Engineering (GPA: 91.5, Expected July 2025).

## Technical Skills

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

**Frontend Development:** React, Next.js, HTML, CSS, TailwindCSS.

**Backend Development:** Node.js, Express.js, FastAPI, Flask, REST APIs.

**DevOps & Cloud:** Docker, Firebase, CI/CD, CircleCI, GitHub Actions, Render, AWS EC2, Cloudinary.

**Tools & Collaboration:** Git, GitHub, Jira, Qase, Postman.

**Testing & QA:** Cypress, Jest, Pytest, Unit Testing, Integration Testing, JMeter, k6, Mocha.

**Databases:** MongoDB, PostgreSQL, Redis.

**Development Methodologies:** Agile Development, Test-Driven Development (TDD), Microservices Architecture.

**Additional Skills:** OOP, Design Patterns, Algorithms, Data Structures, Problem Solving.

## Experience

### Military Experience

*Logistics Specialist & Electronics Administrator | Israel Defense Forces (October 2017 – June 2020)*



- Managed **60+ computing stations**, troubleshooting **hardware/software issues**, optimizing workflows with Oracle ERP, and collaborating with defense contractors (Lockheed Martin, Elbit) on system integrations. Operated effectively in **high-pressure, security-focused environments**, demonstrating **adaptability, problem-solving, and strong collaboration** within cross-functional teams to ensure reliability. Recipient of the **Colonel Excellence Award** for outstanding performance.

### Voluntary Experience

*Student Tutor | Perach (October 2022 - Present)*

- Mentored students in **programming fundamentals**, boosting **problem-solving skills**.

## Highlighted Projects

**TikTour – Social Network for Travelers** (July 2024 – August 2024)  [Server Repo](#) |  [Client Repo](#)

- Built a full-stack social platform with **React, Node.js (Express), and MongoDB**, featuring **secure authentication** and image storage via **Firebase**. Deployed with **CI/CD (CircleCI, Render)**, tested with **Cypress**, and developed in an **Agile team**, showcasing **teamwork, communication, and time management** skills.

**Career Agent – AI-Powered Job Search Platform** (October 2024 – Present)  [Repo](#)

- Developed a full-stack job search platform with **React, Node.js (Express), and Tailwind CSS**, featuring a **weighted job-matching algorithm** and secure **Cloudinary** storage. Integrated AI (**Google Generative API**), deployed on a **remote Linux server** with CI/CD (GitHub Actions), tested with **Cypress**, and built in an **Agile team**, highlighting strong **teamwork** and **problem-solving** skills.

**Task Management System – Microservices-Based Daily Task Manager** (January 2025)  [Repo](#)

- Built a full-stack task management system with **React** and **Flask** using a **microservices architecture**, containerized with **Docker** and tested end-to-end with **Cypress** and **Pytest**.

**Next.js Chess App – Full-Stack Chess with AI & Real-Time Gameplay** (March 2025)  [Repo](#)

- Developed a full-stack chess app using **Next.js, TypeScript, and Tailwind CSS** with **real-time gameplay**, AI opponent (**minimax with alpha-beta pruning**), secure **Clerk authentication**, **Redis-backed stats and leaderboard**, and 24/7 deployment on **Render**.

## Education

**B.Sc. in Software Engineering | SCE Academic College of Engineering**

GPA: 91.5 | Expected Graduation: July 2025

## Languages

**Hebrew** – Native

**Russian** – Advanced

**English** - Full Professional Proficiency