






Rony Bubnovsky

Junior Full Stack Developer | Software Engineer

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Professional Summary

Junior Full Stack Developer with expertise in **JavaScript, Typescript, React, Next.js, Node.js (Express)**, and **MongoDB**. I specialize in building **secure and scalable web applications**, including **REST APIs**, **user authentication**, and **cloud deployment**. Hands-on experience with **CI/CD (GitHub Actions, CircleCI)** and containerization (**Docker**). Strong **problem-solving skills** and **Agile** team collaboration.

B.Sc. in **Software Engineering**, GPA **91.5** (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, Flask, REST APIs.

Databases: MongoDB, PostgreSQL, Redis.

Cloud, Skills & Tools: Docker, Firebase, CI/CD Pipelines, GitHub Actions, Render, AWS, Vercel, Git, Jira, Postman, Cypress, Jest, Pytest, Agile, TDD, Microservices, OOP, Design Patterns, Algorithms, Data Structures, Problem Solving.

Experience

Military Experience

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



- Managed **60 + workstations**, resolved **HW/SW issues**, optimized **Oracle ERP workflows**, and led integrations with **Lockheed Martin & Elbit systems** in secure, high-pressure environments; awarded the **Colonel Excellence Award** for 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 – July 2025)  [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.

CrowdCapture – Real-Time Event Album Platform (May 2025 - Present)  [Live Demo](#)

- Built a full-stack event-album platform with **TypeScript React** and **Node.js (Express)**, featuring secure media storage on **AWS S3** and asynchronous workflows via **SQS-triggered Lambda functions**. Containerized with **Docker**, orchestrated by **docker-compose**, deployed on **AWS Lightsail** and developed with Agile practices - highlighting cloud-architecture skills.

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 | October 2021 – July 2025

GPA: 91.5

Languages Hebrew – Native

Russian – Advanced

English - Full Professional Proficiency