Rony Bubnovsky

Junior Full Stack Developer | Software Engineer

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🔗 **GitHub**: https://github.com/RonyBubnovsky

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.
- Utilized **Oracle ERP** to optimize system workflows and inventory tracking.
- **Collaborated with defense tech contractors (Lockheed Martin, Elbit)** on system integrations.
- Operated in a **high-pressure, security-focused environment**, demonstrating adaptability, **problem-solving**, and collaboration with cross-functional teams to ensure system reliability.
- Awarded the **Colonel Excellence Award** for outstanding performance.

Voluntary Experience

Student Tutor | Perach (October 2022 - Present)

- Provided **programming** and **academic support** to students throughout the semester, helping improve understanding and problem-solving skills.

Projects

TikTour – Social Network for Travelers (July 2024 – August 2024)

🔗 [Server Repo](#) | 🔗 [Client Repo](#)

- Developed a **full-stack social platform** using **React, Node.js (Express), and MongoDB**.
- Implemented **secure authentication**, **token management**, and **Firebase** for image storage.
- Deployed on **Render** with **CI/CD pipelines (CircleCI)** for automated deployment.
- Integrated **Cypress** for testing, ensuring **stability and reliability**.
- Worked in an **Agile team using Jira**, focusing on collaboration, **version control (Git)**, and best development practices.

Career Agent – AI-Powered Job Search Platform (October 2024 – Present)

🔗 [Repo](#)

- Developed a **full-stack job search platform** using **React, Node.js (Express), and Tailwind CSS**.
- Designed a **scalable, secure architecture** with **Cloudinary** for CV/image storage.
- Developed a **weighted job matching algorithm**, refining accuracy through **user data analysis**.
- Integrated **Google Generative API** for **AI-driven CV analysis and job recommendations**.
- Implemented **CI/CD pipelines (GitHub Actions)** and **Cypress** for testing.
- Worked in an **Agile team using Jira**, focusing on **collaboration, cloud computing**, and **AI integration**.

Task Management System – Microservices-Based Daily Task Manager (January 2025)

🔗 [Repo](#)

- Developed a **full-stack task management system** using **React (frontend) and Flask (Python backend)** following a **microservices architecture**.
- Containerized each microservice using **Docker** and orchestrated them with **Docker Compose** for efficient management.
- Ensured application reliability with **end-to-end testing using Cypress (frontend) and Pytest (backend)**.

Next.js Chess App – Full-Stack Chess with AI & Real-Time Gameplay (March 2025)

🔗 [Repo](#)

- Developed a **full-stack chess application** using **Next.js, TypeScript, and Tailwind CSS** with a modern, responsive UI.
- Implemented **real-time gameplay** and an AI opponent using the **minimax algorithm with alpha-beta pruning** for strategic decision-making.
- Integrated **Clerk authentication** for secure, multi-device login and **Redis** for persistent user statistics (ELO ratings, wins/losses) and **leaderboard caching**.
- Deployed on **Render** for 24/7 availability, ensuring uninterrupted service.

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